

It's a Cooperative Thing

Cooperative Business Charters Rock for Being More Than Just a Brand





We are a cooperative. We are your credit union.

Cooperatives around the world operate according to the same core principles and values. Listed below are the seven core cooperative principles that we follow for the greater good of our community, credit union, and members.



- - 1. Voluntary and Open Membership

2. Democratic Member Control

3. Members' Economic Participation

4. Autonomy and Independence

5. Education, Training and Information

6. Cooperation among Cooperatives



Discover more about all seven principles of a cooperative at our website.

Can we celebrate being a cooperative?

TODAY WE'RE SURE GOING TO GIVE IT A TRY

These days it seems like we can find a way to argue about anything

Can we make our way through the clutter to find a vision worth committing to?

10 Years of Celebrating "It's a Cooperative Thing"

Year	Theme		
2008	The Owners are Here		
2009	Realized Dreams Start Here		
2010	Everyone is an Artist		
2011	My Credit Union is My Community		
2012	Every Day is a Grand Opening		
2013	Life is a Construction Zone		
2014	Walking in The Member's Shoes		
2015	Would You Like Fries With That?		
2016	Redefining Everything Credit Union		
2017	It's a Cooperative Thing		



10 Years of CUATV



The Robert H. Mackay Leadership Award



Walking the talk and proving owners lead the way

THE MACKAY AWARD

What could be more disruptive than proving that owners lead in building cooperatives?

Why capitulating to consumerism might be having exactly the opposite effect

Celebrating Jody

SINCE 1994, JODY HAS BEEN PROVING, 24X7, THAT SHE IS THE GO-TO RESOURCE FOR EVERYTHING CU*ANSWERS

48% of our CUSO's employee resources are related to operations, development, and network infrastructure

No one could have built a stronger team



The 2018 Executive Council

EXPECTING YOUR CALL, THE EC IS A DAY-TO-DAY WORKING UNIT

- Dave Wordhouse, Executive VP, Network Technologies
 - Employee since June 2002
 - Leads 4 CU*Answers Network Services teams comprising 4 VPs, 2 managers, and 35 employees
- Brian Maurer, Executive VP, Software Development
 - Employee since September 2012
 - Leads 10 software development teams comprising 3 APVs, 9 managers, and 55 employees



Along with Jody, Dave and Brian were part of developing CU*Florida (2004), and their transition to the Executive Council

The 2018 Executive Council

EXPECTING YOUR CALL, THE EC IS A DAY-TO-DAY WORKING UNIT

- Scott Collins, Executive VP, National Sales & Marketplace Relationships
 - Employee since March 2003
 - Leads the CU*Answers sales team comprising 1 manager and 3 employees
- **Scott Page**, DHD Business Manager
 - Employee since November 1989
 - Leads the new DHD team (comprising 1 employee...so far!)



Both are talented business development professionals, targeted on the market and a vision for our CUSO every day



Speaking of celebrating...

Our 50th anniversary as a CUSO is getting close

Cooperatives are about sustainability, and this is a milestone that will come and go...on our way to many more celebrations in the future

NACUSO 2017 CUSO of the Year: Greg Smith

WE HAVE A NETWORK TO CELEBRATE

"CU*Northwest's entire approach to treating every client as an owner, giving owners/clients a voice in establishing priorities, and the 'disruptive technology access and shared execution' with a focus on saying Yes to opportunities is true cooperative collaboration in action."

Jack Antonini President & CEO NACUSO





NEWS RELEASE

FOR IMMEDIATE RELEASE

For more information contact: Greg Smith, President / CEO 866-922-7646, ext. 302, gsmith@cu-northwest.com



CU*NorthWest Wins NACUSO 2017 CUSO of the Year Award

LIBERTY LAKE, WA - April 24, 2017

CU*NorthWest, a 100% credit union-owned cooperative CUSO, was recently honored by <u>NACUSO</u> as the recipient of the <u>2017 CUSO of the Year award</u>. The award was presented to CU*NorthWest at the 2017 NACUSO Network Conference held in Orlando on April 12th. The award is given to CUSOs that best demonstrate thought leadership, innovation in organization design, value created through collaboration, and a proven track record of positive results.

"We are incredibly honored to have been recognized with this prestigious award from NACUSO," said Greg Smith, CU*NorthWest CEO. "For over a decade, CU*NorthWest has been proving that pure cooperative business models make a difference. With credit union-owned core technology at the foundation, CU*NorthWest offers credit unions an alternative to the traditional aggregate value across the cuasterisk.com network of CUSOs and

The Power of Ownership

THE SUSTAINABILITY OF OUR CUSO RELIES ON CU ORGANIZATIONS TAKING THE LEAD



Designing for a healthy Cooperative Score

One formula to consider when looking at how to design a cooperative:

- You (the designer) want as many participants in your cooperative (customers) as possible
- Of those unlimited customers, you work to make at least **60%** of them identify themselves as owners
- Of those people who call themselves owners, you work even harder to make a third of them active, to yield a **20%** active owner base among all participants



Whatever formula you use, you need one

From the 2013 Leadership Conference

It sets targets, helps you prioritize the plans, balances your investment: Get a plan and make sure everyone knows it

Expanded board governance opportunities

CHALLENGING THE STATUS QUO AND INNOVATING WITH NEW LEADERS

Goals:

- Broaden the type of participants we include (resumes and titles)
 - Include owners of many types
- Broaden the type of influence we include (governance, boot campers, advisory boards, etc.)
 - Recognize many spaces that influence our agendas and directions
- Broaden our trust of the crowd
 - And capture more trust from the crowd

3 New Opportunities to Add Your Voice

- 1. Serve on Board Committees
- 2. Become an Associate Board Member
- 3. Fill Board seats for companies in which we have an equity position

Stay tuned for complete details at the CEO Strategies event in November

We all get tired of buzzwords...but good ideas are good ideas

DISRUPTIVE INNOVATION: ARE YOU BORED YET?

- Who's disrupting whom? Our status quo has been under disruptive pressure for a decade
- It feels like we've been reacting to this pressure instead of creating new solutions and attitudes
- Time to burn it down...and be the architects of disruption
 - If innovation is generally cast upon us from the outside, it's time for us to catch up by pushing from the inside out

Disruptive innovation

From Wikipedia, the free encyclopedia

A **disruptive innovation** is an innovation that creates a new market and value network and eventually disrupts an existing market and value network, displacing established market leading firms, products and alliances.

The term was defined and phenomenon analyzed by **Clayton M. Christensen** and coworkers beginning in 1995. Since the early 2000s, "significant societal impact" has also been viewed as an aspect of disruptive innovation.

As a community, are we doing enough?

At the core of why we do things

Disruptive Price

Disruptive Access

Disruptive Shared Execution

For a cooperative to be as effective as possible, it must focus on the agendas of its participants...that is the only test

Let's see how we do the rest of the day...



Disruptive Agendas

Overwhelming our retail cultures

It's undeniable: the culture that permeates every consumer in this Internet world is showing up with every new member and new employee

Believing that everyone is a developer

From how-to videos to "Bitchin' Rides", today's culture is one where anyone can create, teach, and inspire owning an idea and creating something new

3

Manufacturing insight and inspiring data awareness as a currency The bigger the hype, the longer the buildout...why CUs should be developing new foundations, not giving up on the promise of data

Overwhelming our retail cultures

Back to school, from CUSO to CU



Have you convinced yourself to commit?

Overwhelming

"Used to describe something that is so confusing, difficult, etc., that you feel unable to do it"

Retail

"The sale of commodities or goods in small quantities to ultimate consumers; *also* the industry of such selling"

Cultures

"The characteristic features of everyday existence shared by people in a place or time"

Prioritize these environments and your future investments

WHICH ARE MOST IMPORTANT TO YOUR FUTURE? WHICH WILL YOU INVEST THE MOST IN?

- Retailing face-to-face in the same space
- Retailing via phone and remote face-to-face experiences
- Retailing via the Internet without a face-to-face experience
- Retailing via the Internet with classic desktop interactions
- Retailing via the Internet with smart phones and tablets
- Retailing via a third party's network
- Retailing a holistic relationship vs. an account relationship



You can't do it all...you have to decide on a priority and how to weight your investments

It can be overwhelming, but it can't be denied

Are millennials really that different?

OR ARE CONSUMERS EVOLVING IN A CONSISTENT DIRECTION? TECH-DEPENDENT

What is the difference between tech-savvy and tech-dependent?

TRUE, MILLENNIALS ARE SOME OF THE MOST AVID USERS OF MOBILE AND INTERNET TECHNOLOGY.

> IT'S ALSO TRUE THAT MILLENNIALS RELY HEAVILY ON DIGITAL MEDIA TO MANAGE THEIR DAILY LIFE ACTIVITIES, STAY INFORMED AND STAVE OFF BOREDOM.

GIVEN THIS LEVEL OF DEPENDENCY, IT FOLLOWS THAT MILLENNIALS ARE ADEPT AT MANIPULATING AND ADAPTING TECHNOLOGY TO THEIR NEEDS. HOWEVER, THIS IS NOT THE CASE, AT LEAST FOR THE MAJORITY OF GEN Y.

> FOR MARKETERS, THIS DIVERSITY OF USE IS A CAUTION NOT TO CONFUSE DIGITAL DEPENDENCY WITH DIGITAL SAVVINESS. NOT ALL MILLENNIALS WILL BE JUMPING UP AND DOWN TO RESPOND TO YOUR LATEST CROWD-SOURCED CAMPAIGN, APP OR CONTEST.



Millennial Marketing

About Who Are Millennials Research Millennial Marketing Books Sp

Millennials Tech-Dependent, But Not Necessarily Tech-Savvy



One of the biggest myths about Millennials is that they are all digital natives, blogging and tweeting their way through life. The truth is a bit more nuanced.

TRUE, MILLENNIALS ARE SOME OF THE MOST AVID USERS OF MOBILE AND INTERNET TECHNOLOGY.

The age of first cell phone is dropping rapidly and now stands at about 9 or 10. Currently nearly six of every ten 12-year olds have their own cell phone, a figure that increases to 83% by age 17. On average, 75% of all 13-17 year olds have a mobile phone, 93% go online (76% with broadband), and 80% have a console gaming device (Pew Research).

NEW NAVIGATION

It's a search generation

THE 17.03 NAVIGATION RELEASE SHOULD GET YOU THINKING ABOUT THE FUTURE

The User Experience

- Search and sort from the home page
- See only the tools you use
- Set favorites by employee
- Faster learning curve
- Permanent tool #s



The Data Experience

- How we'll use data to determine what we should take to the future
- Reduce our expenses based on maintenance carried to the future
- Increase our budgets for innovation and spending on the future

It's the same for you: if you don't prioritize carrying less to the future, you'll never afford the future



Average # of tools per employee

TOTAL # OF TOOLS AVAILABLE TO CU EMPLOYEES:

768

CUID	Total # of employee IDs	Average tools assigned per employee	% total tools (768 possible tools)
TC	34	212	28%
WV	42	174	23%
WA	64	508	66%
SX	84	166	22%
AL	162	108	14%
ND	215	185	24%
FR	262	102	13%
BT	327	138	18%

Sampling of 8 online CU*Answers clients; excludes data center employee alias IDs (89-9x).

HIGHEST # OF TOOLS ASSIGNED TO A SINGLE CU EMPLOYEE:

701-735

Excludes data center employee alias IDs (89-9x)

Average # of tools per employee

WV

TC

ΒT

FR

ND

WA

WV

TC

0.00%

B AL SX

0.00%

10.00%

13.02%

13.10%

11.90%

20.00%

5.81%

1.53%

3.70%

20.00%

26.47%

40.00%

30.00%



35.29%

40.00%

% of total employees with > 300 tools assigned

60.00%

54.76%

60.00%

70.00%

96.88%

100.00%

80.00%

120.00%

50.00%

80.00%



% of employees with < 6 tools assigned



Color themes

% OF EMPLOYEES USING AN ALTERNATE COLOR THEME:

32.8%





PRESENCE OVER VIDEO (POV) IS THE KEY TO HUGE EFFORTS LIKE THE NEW NAV

- Zoom usage Jan-May 2017:
 - # of meetings: 6,083
 # of webinars: 72
 - Total # of participants: 23,301
 # of webinar participants: 2,896
 - Total # of minutes for all participants: 945,342 (that's 15,756 hours!)
- Estimated cost savings so far:
 - For CU*Answers: \$25,000
 - For clients: FREE education classes



In 2018 we'll open up more meetings and new rooms for remote guests

Tech doesn't work without digital content

HOW WILL TECH-DEPENDENT GENERATIONS COMMUNICATE WITH YOU?

- Employees and consumers have to work from the same digital investments
 - Organizational intelligence is defined by digital investments over what is stored in the memories of employees (or consumers)
 - It is the age of the search generation, and we're never going back
- The investment and the work you do to define yourself digitally is the #1 investment you'll need to make for a new retail culture



The explosion of CU*Answers videos

A NEW WRINKLE ON A 20+ YEAR FOCUS FOR BUILDING DIGITAL CONTENT



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CLIANIWERS

Add your

credit union branding to

Build Member Loyalty With

It's Me 247 Video Customization!

Speaking of videos, here's another winner



How-to videos are all the rage

FROM FIXING TOILETS TO CUTTING AVOCADOS...TO FIGURING OUT HOW TO POST A TRANSFER

- Using the Search Bar
- Your CU*BASE Preferences
- Adding Payment Protection to a Loan Account
- Adding a Cross-Sales Conversation to a Tracker
- Adding ACH-Paid Invoices to A/P Vendor History
- Adding and Viewing Notes in CU*Spy Reports
- Viewing a Member's Tax Information
- Activating Debit Card Round Up
- Activating the Switch Account Feature
- Activating Smart Messages
- Adding Misc. Coverage to an Existing Loan
- …and 119 more!

- Uploading a Document to your Virtual StrongBox
- Sharing Documents in Your Virtual StrongBox
- Making a Person-to-Person Payment
- Accepting a Person-to-Person Payment
- It's Me 247 Bill Pay How to Pay a Bill
- It's Me 247 Bill Pay How to Delete a Payee
- It's Me 247 Bill Pay Setting Up an eBill
- *…and 28 more!*

https://youtu.be/VaNtFWE4SXk

HOW TO

A winner with far less fanfare:

Burning down CU*Answers' retailing

IF WE CAN DO IT WITH YOU, CAN WE HELP YOU WITH YOUR MEMBERS?

Online stores:

Where tech-dependent consumers interact with your organization's intelligence, digital content, and your retailing capabilities

 Let's review our online store strategies going forward



If something feels overwhelming...

...ENGAGE THE A-TEAM

SHOP

Online Stores – David Damstra, VP Marketing & Creative Services Director

What does it mean to be a general contractor for building online stores?



The CU*Answers Store – Geoff Johnson, COO

What does it mean to take all of our service infrastructure and push it to the web?



Internet Retailer Support Center – Kristian Daniel, IRSC Account Exec

How have CU*Answers clients responded to the IRSC?



Developer's Help Desk – Scott Page, DHD Business Mgr & Brian Maurer, EVP Software Development Moving from DIT to DIY means building an audience of talented developers. Are you ready?

Web Services CU'ANSWERS Management Services

OUR GENERAL CONTRACTING FOR BUILDING ONLINE STORES

- 5 full time developers (2 graphic designers, 1 special projects developer)
 - Up from 1 employee 12 years ago
- Hosts over 250 websites for credit unions, CU*Answers and our partners
- Launches 12-15 new website designs every year
- Currently working with 18 CUs on new sites
- Just passed our 48,000th website update request!



Amazon.com has set a vision for online store retailing...where will this kind of thinking take CUs in the next few years?

Where will it take our community?



THE IRSC IS DOING SOME HEAVY LIFTING...HAVE YOU ENGAGED?

Launched June 1, 2016

- **35**+ products available
- **166** orders (234 items)
- \$88,625 in gross sales
- \$7,385 average monthly sales (Feb 2017 was best month at \$23,975)
- **51** on hybrid mobile app 1.0 (no RDC)
- 41 on hybrid mobile app 2.0 (with RDC)
 +31 more in the queue
- Starting to use coupon features





HOME

HATTE - Mobile Options / Marrie Lyon 21

irsc.cuanswers.com





CONTACT US

NEWS

CUPAnswers is in the RDC (Remote Deposit Capture) business with the development of Mobile App 2.0. Mombers use their if a Ma 247 login to gain access to Mobile Check Deposit, Mobile Banking, Transfer Money, and much more.

Search .

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RDC Rolling Document



User Agreement *

Viss - I want to get started with Mobile App 2.0

Lagree that I would like to begin the process for my credit aniar to age agreement/nantrants for Mobile Direck Deposit (RDC).

Next

SKU: 1323 Category, Mobile Options

Description

Reviews (0)

Description

CUPAnswers is in the RDC (Remete Deposit Capture) beamers with the development of Mobile App 2.0. Members use there It's Me 247 login to gain access to Mobile Check Deposit, Mobile Basking, Transfer Money, and much more. To get started with Mobile App 2.0, you will first sign agreements/contracts, then work with IRSC to be assigned a lawsch date, where your staff is able to test the mobile app before releasing to app stores (Apple & Google Play). There are two options to pour your minute deposits, CUPAnswers topEngles will pour base 7 days a week, up to 4 times a day, or your stadt write cas chanse to pourt your. RICE indicat featurement







Home - Membership Opening / Microsoftware Convert 2 Province -



MOP (Membership Opening Process)

\$100.00 \$0.00

MOP (Membership Opening Process) includes verification using Experian Precise ID, account creation, funding from a credit or debit card, and online banking enrollment. This member will then have their first online banking experience.

Your first credit union MAP/MOP site is free! Any additional sites are a \$100 setup fee and \$20 monthly maintenance.

Reminder - You will also need to order Experian Precise ID with MOP.



Category: Membership Opening



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HOME



PORTFOLIO

Home Membership Coming Materia Mandeening Application Process Plans

NEWS:

CONTACT US

MAP+ (Membership Application Process Plus)

8100.00 \$0.00

irsc.cuanswers.com

MAP + (Membership Application Process +) includes verification using Experian Precise ID, as well as promotion code. This will submit an application to CU*BASE with the Verification.

Your first credit union MAP/MOP site is free! Any additional sites are a \$100 setup fee and \$20 monthly maintenance. anothesis chest Reminder - You will also need to order Experian Preci-Chat with us Add to cart

Search



A STORE AT THE CENTER OF CLIENT INTERACTIONS

Launched March 15, 2017

- First online order was that same day
- Opened with about 125 products
 - As of June 1 we have 350 products earmarked for the shelves (...and there might a 1,000 before we're through!)
- Nearly 75 FREE products 20% of the products are FREE
- Since opening, the Store has generated **44** unique orders of 47 products



Building the Factory

Check out Building the Factory at CU*Answers

CU*Answers wants our clients to be successful. Not only do we say it, but we're walking the talk as well. Announcing, Building the Factory! This series of documents backs up our desire for your credit union to thrive and get the most out of your partnership with CU*Answers and the powerful toolset we provide. The majority of these volumes are revenue generators and cost nothing to implement! These road maps will take the user from the very beginning point all the way through to the end of the process and the evaluation of the campaign. This design will contain all the steps necessary to create the campaign, the steps to follow through to the end using the referenced CU*BASE options to mine the data and track the sales success.

Contact Building the Factory







Cross Sell Opportunity

Data Boot Camp 2016 (B)

Driving Loan Volume (10)

Income Impact (8)

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store.cuanswers.com

Managing Credit Risk (4)

Risk Management (3)

sendesk cho Chat with us

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A STORE AT THE CENTER OF CLIENT INTERACTIONS

From who's who at CU*Answers to discussing the ins and outs of 1,000 products and services...this store is tasked with a big retailing problem

Our COO, Geoff Johnson, is tasked with being aware of every interaction between our CUSO and our clients and owners...same problem

From doc...to video...to webinar...to Idea Form...to project sheet...to call center responses...to focus groups...to advisory boards...and face-to-face interactions for countless issues – is it possible for online retailing to pull it all together?



store.cuanswers.com

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Search

CU'ANSWERS

Home / Imaging Schutions / HOUD Signature Conservation

CU*ANSWERS STORE

SOLUTIONS BACK TO CU*ANSWERS SHOP

Welcome, Guest! Log in / Register Search CU'ANSWERS My Account Contact Us Shop CU*ANSWERS STORE BACK TO CU*ANSWERS SHOP SOLUTIONS



eDoc Signature Conversion

Plum forms activation at \$15/form. \$10 each for 10 or more.

Welcome, Quest! Log in / Register

Search

Shop

My Account Contact Us

Now you can get documents signed by your members wherever they are Signature. Simply out in their name and email address and they will get a instructions on how to sign their documents securely. They click the link, secure server, adopts their signature, then click and sign. It's that easy!

Category: Imaging Solutions

No monthly fees! 32 CUs already



Home / Imaging Solutions / Extension Online Vount

Overview

Enhanced Online Vault

\$250.00

Additional pricing per month (see bolow)

Monthly Fees

1 - 3000 Members: \$100/month 3001 - 5000 Members: \$200/month 5001 - 7400 Members: \$350/month 7501+ Members: \$500/month

I have read and understand the terms of this agreement *

I understand that the abuse of the system such as excessive consumption of storage space for instance; more than twice the average usage per member, may result in termination of this agreement and the credit union's ability to utilize the system.

Authorization to place order *

- I am authorized to mails, this purchase for my credit union.

Authorization for Billing *



Online Vaults are a popular solution for CUPArawees could unions. With an Online Imaging strategy you will not have to worry advantage on maintenance, patheme, or upgrades Van meen have to thisk about the physical accept of your writes, security concerne one electronic threads, software enclosed on the security of your pathemeters. ration upgrades or daily monitoring of your systematics

ne Vault will allow for Accounts Payable Invoices along with the ability to aphare any document to support a loan and the capture of microflamous membership forms.

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What's next for the CU*Answers Store?

EXPANDING OUR E-COMMERCE FEATURES

More products

- Build out more product details, cross link or integrate with help/client reference/videos
- Revisit how we publish the annual Pricing Guides
- Live chat, more contact methods
- Coupon codes, sales, promotions, CollabREBATEs
- Sales follow up
 - Abandoned carts, follow-up emails asking for reviews



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What's next for the CU*Answers Store?

NEW OPTIONS FOR VENDORS



What's next for the CU*Answers Store?

SOME REAL-WORLD EXAMPLES WITH VANTIV



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GO AS FAR AS YOUR STRATEGY WILL CARRY YOU

- Co-ops create better consumers by letting their participants see behind the curtain
- Great co-ops create better consumers by letting their participants get their hands dirty and share in the work
- The DHD is designed to create a balanced playing field for developers, no matter where they work
 - A community for project managers
 - A place to hone everyone's skills
- 160 products (and counting!)
 - APIs, integrations, data exchanges, etc.





A Builder's Soul

Let us help with your business development and design dreams ...

What does it even mean to have a builder's soul? To us, it represents having a desire for wanting to design and build something for yourself. It doesn't necessarily mean you having every resource available for completing this process. More it's a vision and spirit for wanting to drive the initiative forward on your terms -even if requires hiring certain expertise to completing the project.

Here are some leading characteristics we have noted from clients providing insight to what they felt this meant to them:

- · I want to talk about something I want to build, not something that has been previously built
- I want to build something that is not CU*Answers motivated and developed
- · This is my plan. I want to build it as I envision it

Don't just take our word for it...let's hear what one of the 2017 Solutions Boot Campers has to say about the DHD...





Developer's Help Desk



dhd.cuanswers.com





Overwhelming our retail cultures

Updates on key projects for internet retailers...It's Me 247













The future of It's Me 247

WHAT DO OUR DEVELOPERS THINK IS NEXT?

Two primary teams drive the future of our online and mobile banking assets:

Online Banking Team (OBT) – Eric Henning, Programming Assistant Manager

Mobile App Development (MAD) – Ken Vaughn, Programming Team Assistant Manager

Two key leaders are driving our API foundation and extension to the web world:

CUA Software Integrations (CSI) – Don Laffitte, Programming Team Assistant Manager

CU*Answers Software Development – Brian Maurer, Executive Vice President













The future of It's Me 247

MOVING BEYOND THE CREATION OF OUR API LIBRARY TO COUNTING ON IT, DAY BY DAY

- The programs on which our current online and mobile banking platforms are built are called It's Me 247
- In 2018, we'll complete the migration of these programs to a web service API platform
- In 2019, we will then use this new platform to launch a new version of It's Me 247 for desktop and mobile users

Should we ...?

- ...have URLs related to CUs instead of our CUSO?
- …encourage CUs to arrange their own online banking and mobile banking navigation solutions?
- …encourage 3rd-party vendors to integrate their solutions to CU*BASE via this API bridge?
- …eradicate the separation and barriers between websites and banking sites?

API project phase 1*

THE OBT WILL DO THE HEAVY LIFTING ON THE WAY TO A NEW ONLINE BANKING REALITY



API project phase 2

THE MAD TEAM WILL BUILD NEW LEGO MODELS AND TEMPLATES

- As a growing inventory of APIs becomes available, the MAD team will prototype and bring to market new micro-apps that validate API functionality and create new mobile retailing opportunities for CUs
 - Hybrid mobile app 2.0 RDC authentication
 - Micro mobile app 1.01 A2A indirect loan payment app
 - Micro mobile app 1.02 Standalone RDC checking specialty app
 - Micro mobile app 1.0x Whatever you can dream up when the APIs are available to validate



This is where the DHD Boot Camp comes into play – matching toolkit availability with creativity and short-term opportunity

Maturing as we go

THE DEVIL'S IN THE DETAILS

As apps mature and become the member's primary banking tool, it will take more than just flashy capabilities . . . you need to build the infrastructure

If you have to reissue thousands of apps based on changing parameters like password length, you don't do it in bits and pieces







SECURITY ENHANCEMENTS ON THE WAY

- 256-bit encryption for passwords and security question answers
- Maximum password length of 256 (can mandate up to 12 characters max.)
- Moving to new tables to hide the data from view via Query, for both CU and CU*Answers employees
- Hash the fields with additional data

Targeted for the **17.10** release!

Must we always focus on getting in the door?

"HIGH CYCLOMATIC COMPLEXITY" – RABBIT OR TURTLE, IT HAS TO CONCERN YOU

IT'S ME 247 PROJECTS ON THE DRAWING BOARD

- "See" access based on ownership will give CUs two options:
 - Show all sub-accounts (like now), or
 - Show only the ones I own (joint/co-borrower)
- **Transfer control list changes** will give CUs three options:
 - Transfer to any sub-account under that membership (like now)
 - Transfer only to the ones where I'm an owner (joint/co-borrower)
 - Transfer to selected suffixes only
- "Jump" based on ownership (see only the sub-accounts you own; most other guest privileges *suspended*)

Passing Off to The Future

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The more paths you have through your software, the more chances for issues

When 100 shades of gray turn into 1000, verification can be a challenge

Must we always focus on getting in the door?

"HIGH CYCLOMATIC COMPLEXITY" – RABBIT OR TURTLE, IT HAS TO CONCERN YOU

IT'S ME 247 PROJECTS ON THE DRAWING BOARD

- "Transfer from" controls (*pulling* money from another membership)
- Member authentication by SSN/TIN (one set of credentials to all the accounts you own)

Passing Off to The Future



• We'll have a big choice as Internet retailers in the future:

- Do we hold on to our traditional member data structures?
- Or do we take this opportunity to walk towards more traditional bank data structures (based on accounts)

Will competition force us to compete differently based on what Internet opportunities present?

We'll study this in 2018

Maturing as we go

NUANCE IS EVERYTHING WHEN YOU'RE BUILDING A PRIMARY MOBILE BANKING PRODUCT

- No one has a lifelong dream to build an alerting system for service interruptions
 - It's not flashy . . . it's just necessary when thousands of members count on it
- Service alert types we envision:
 - One-time notice
 - Persistent (every time the app is launched)
 - Recurring (daily, weekly)
 - With URL Link ("learn more...")
 - CU-specific, or general-purpose for conditions that affect all CUs

Did you know...? There are **15** parts to the authentication API!

Undergoing Maintenance Between 1AM - 4AM EST our systems go through software updates & maintenance. Service might be intermittent during this time. We apologize for any nconvenience OK Success Rewards Program Posting an alert can automatically SCU Mobile Websi block access to online banking, too

There are many conditions, and you must code to them all

API pioneers you might not know

THE CSI TEAM IS LEADING THE WAY TO ENSURE INTEGRATION REVOLUTION

Current integration partners:

- CBC Innovis
- CUDC
- CUDL
- DealerTrack
- Experian Precise ID
- Fannie Mae 3.2
- Genesys
- ILT DILLS
- LSI

- MeridianLink LoansPQ
- NADA
- QualiFile
- Retailer Direct
- Retailer Direct: Micro Lender
- RouteOne
- Symphony
- TCI
- XtDirect



Instead of sales types, DHD connects you with get-it-done coaches, mentors, and partners

CU*BASE ready-to-process applications

CUDLDealerTrace

Experian

■ Fan

ILT DILLSLSI

	Loan Dollars	# of Apps
eOne	\$865,556,894	45,980
Track	\$755,165,124	44,192
TCI	\$218,421,248	10,445
Retailer Direct	\$65,236,046	5,468
DILLS	\$59,734,779	4,321
XT Direct	\$11,831,698	1,254
Mortgage Cadence	\$9,397,545	114
LSI	\$6,718,010	545
Genesys	\$633,735	53
Vendor Total	\$1,992,695,079	112,372
Notre Dame FCU	\$2,129,785	88
Grand Total	\$1,994,824,864	112,460



ad of sales types, DHD you with get-it-done entors, and partners CU*BASE ready-to-book applications

CUDLDealerTra

Experian

Fan^r

ILT DILLSLSI

In 2018, CU*Answers will integrate Meridian Link for our first interactive 3rd-party CU employee LOS



d of sales types, DHD you with get-it-done entors, and partners CU*BASE ready-to-book applications

CUDLDealerTra

Experian

Fan

ILT DILLSLSI

In 2018, CU*Answers will integrate Meridian Link for our first interactive 3rd-party CU employee LOS

> Are we ready for expensive CU*BASE premiums?

voes, DHD done nd partners

62

Decision models via Experian

API WORK THAT WILL LEAD TO DIRECT-TO-CREDIT BUREAU PULLS (GOODBYE ZOOT!)

Starting over with 3 templates

- Auto Direct
- Auto Indirect
- Unsecured/Credit Card

■ 3 pricing options

Product	One-time Setup Fee	Per-Trans Fee
Three templates	\$2,500	\$2.00
Three templates with CU-defined thresholds	\$5,000	\$2.00
Full custom model	\$25,000	\$2.00

Assumptions

- FICO 09, pulled through CU*BASE
- Credit reports brought into CU*BASE along with human readable, as today
- Bureau-agnostic
- Ability to edit attributes and add products such as income estimator and bankruptcy, etc.
- You can use this new path to Experian even if you aren't using a decision model

Experian "Decisioning as a Service" INSTANT CREDIT UNDERWRITING VIA CU*BASE Member applies for a loan **ANSWERS** (Personally identifiable Inquiry 1. Credit report consumer information, information 2. FICO or Score of Choice application characteristics) 3. Premier Attributes Credit data, score 4. Application Characteristics and decision 5. Credit decision Experian Decisioning as a Service Approve Debt to Income Decline Riskscore Approve Employment status Decline **Bureau of Choice: Attributes** Decisions Treatments Scores Experian Equifax

TransUnion

Speaking of pre-approvals... Why not include the member?

WITH TWO DECISION MODELS, IS IT TIME TO CLOSE PRE-APPROVED LOANS WITH THE MEMBER?





How can we think of ourselves as Internet retailers if we don't tell members they're pre-approved for a loan online?

CU-controlled navigation designs

FROM SMART MESSAGES, TO LAUNCH POINTS, TO LOGIN WIDGETS

- From the beginning, we've worked with CUs to help them influence the member's next click
 - Smart messages
 - Logout redirect
 - Related links
 - Launch Points
 - Login widget designs
- Too few people see this suite of options as a strategy and end up using it sparingly, almost as an afterthought



CU-controlled navigation designs

IT ALL STARTS WITH HOW MEMBERS LOG IN – AND YOU DO HAVE OPTIONS



Bypassing the OBC

HAS THE VALUE OF A DIT OBC PAGE RUN ITS COURSE?

HONOR

HONO

NCUA

name?

Login

- Direct login without the OBC members enter their username, password, and security questions right on your website
- Security education is on you!





67

New login widgets to choose a specific landing page in It's Me 247



OPEN







68

Launch Points

26 PLACES TO SELL SOMETHING TO MEMBERS

From mortgage applications and rewards programs to your monthly newsletter, Launch Points help members see what they're missing when they don't linger on your website

ľ	It's Me 247 Online Bankin	9			ECURITY 🕕 LOGOUT ⊗	69
	SIO FEDE	UX EMPIRI	27			
	Info Çenter	Accounts New Accounts	Pay Bills My Docur	ments Personal Finance	Go Mobile Contact Us	
RS		Info Center Message Center Contact Preference eAlert Subscription Login History Password Change H Helpful Links Link (IC1) Link (IC2) Link (IC3)	Security C listory Personal I Overdraft	ons Point S My Be How D Questions Rewar Information Link (T Services Link (T nt Options Link (T)	o I Get Points? Is History S1) S2)	
	View Point Details	Regar with Streebury in 1454				
ו		I'S Me 247 Online Banking			HELP 👔 MANAGE MY SECURT	ty i Logout i
~	Buy it: uanswers	.com	View Account Summa My Other Memb ACH Transaction Cleared Checks	Manage ry Transfer Mon erships Schedule Che s Check Stop P Check Withdr	Investmen ey Manage You ck Transfers Link (IV1) ayment Link (IV2) awal Link (IV3)	Iobile Contact Us Its ur Investments
		VWR-MCARE	Dividend/Interes Downloads Credit Score Link (MA1) Link (MA2) Link (MA3)	t Summary Promise Depo Link (MM2) Link (MM2) Link (MM3)	ssits Setup Nicknames Overdraft St Link (SU1) Link (SU2) Link (SU3)	ervices
it's Me	2477 Banking Link (FL) Link (FL) Link (FL) Link (FL)	Cartoon Cit	Paracella Parace	Your savings federally insured to a least \$250,000 and backed by the I faith and credit of the United State Government.		

8 CUs	# Launch Points Used
Fox Communities CU	13
Delta County CU	10
TBA Credit Union	8
First Ohio Community CU	8
Honor CU	6
Frankenmuth CU	3
Pathways Financial C U	3
Sioux Empire FCU	2

Launch Points that are active today

IMAGINE IF THERE WERE 88 CREDIT UNIONS...OR 188 CUS!

- ATM & Shared Branching Locations
- Budgeting Tool
- Close Account(s)
- Credit Card Reward Points
- CU website
- Debit Card Alerts
- Disclosures & Notices
- Find us on Facebook
- Find us on Pinterest
- Find us on Twitter
- Find us on YouTube
- First Mortgage Info
- Investment Planning
- Live Chat
- LoanPay Xpress
- Locations & Hours

- Lost or Stolen Card
- Member Insurance Information
- Mobile App
- Mobile Check Deposit
- Mortgage Application
- NADA
- Newsletters
- Online Security
- Order Checks
- Phone Number & Address
- Picture My Card
- Privacy Policy
- Rates
- Relationship Points
- Reorder Checks
- Routing Number

Buy it: store.cuanswers.com

- Scorecard Rewards
- Send Money
- Shared Branching Search
- Student Loans
- Surcharge FREE ATM Network
- Transfer Credit Card Balances
- Travel Form
- VISA EZ Card Info
- VISA Limit Increase
- Withdrawal Limit Increase

...and coming soon, your custom-designed forms in the It's Me 247 Request Center **Overwhelming our retail cultures**

Drilling down on mobile













Building a factory is where it's at for the future

THINKING LONG TERM MEANT WE HAD TO EMBRACE 2ND- AND 3RD-TO-MARKET APPROACHES

Set a long-term disruptive goal

- Free smart phone banking solutions for CU*Answers CUs, forever
- Build on the OBT HTML solution by building a MAD team
- Have the MAD team build a factory and a tool to generate mobile apps, not write one mobile app at a time
- Leverage that tool to generate new HTML solutions alongside smart phone/device apps

Mobile app 1.0 : **102** apps Mobile app 2.0 : **82** apps # of builds processed via **CUPublisher** : CU developer licenses in **CUPublisher** : API key configurations : Ads/promos in **CUPublisher** :

2018-2020: Go beyond doing old things new ways and start thinking exclusively about new ways to reach and interact with members

It's Me 247 mobile apps and the CU Publisher

WE'VE BUILT A FACTORY, NOW LET'S PUT IT TO WORK

Mobile Apps

- The future of authentication: colorful doors (the Daon proof-of-concept more on that in a moment)
- Hybrid Mobile App 2.0: are you ready to engage?
- Hybrid Mobile App 3.0: will you be a Daon investor?
- 2018: an explosion of creative API apps
 - Micro-apps proving that our APIs are ready for a robust development community

CU Publisher

- Preparing for a world where we need to update several hundred device store apps ASAP
- Using a product generator to build a forms generator and member request center
- Why MAP/MOP may be the most powerful tool our community has ever misunderstood

Mobile hybrid app 2.0

THE AUTHENTICATION TACTIC WAS THE TRICK, BUT RDC PARTICIPATION WAS THE POINT





Every CU*Answers CU should be able to afford RDC going forward

Mobile Check Deposit is Here Cutwream is in the RDC (Remote Deposit Capture) builtess with the development of Northeam Mobile App 2-0. Members use their its Me 2-47 login to gai access to Mobile Check Deposit, Mobile Barking, Transfer Money, and mich mark

eDOC Setup Fee eDOC Monthly Maker \$3,995

Pricing

Mobile hybrid app 2.0...on the way to 3.0

SPECIALIZED FUNCTIONALITY WILL BE THE NEXT BIG PUSH

- Mobile web proved that we could open the smart phone channel and work with members on a mobile device
- Mobile app 1.0 proved that we could bring mobile solutions to device stores
- Mobile app 2.0 proved that we could bring API infrastructure forward for authentication
- Mobile app 3.0 will prove that we can develop new, specialized functionality for an evolving set of mobile tactics and strategies
 - In other words, we're off the races in adding value and moving into the new game with new ideas and even new partners



Instead of just replicating services from other channels, it's time to start designing solutions for this unique channel

Why eDOC Innovations is our key partner for the future



WHY eDOCSignature mDTM[®] MAY ACTUALLY CREATE NEW REVENUES IN THE FUTURE

Images as Currency

- 2017: Hybrid 2.0 creates first integrated RDC signon
- 2017: CU*Answers grows to \$100K annual in RDC posting
- 2018: CU*Answers and eDOC focus on seamless interaction on the way to real-time posting

Closing the Deal

 2017: eDOCSignature mDTM introduced to CUSO for free



New Spaces for Commerce

- 2018: eDOC and CU*Answers create new desktop and mobile portals for loan closings
- 2018: MVSB and eDOC start to share documents in virtual closing rooms, so the cloud is part of member transactions

Ensuring every CU can offer RDC

FUTURE PROJECTS THAT WILL REDUCE THE COST AND FRICTION TO OFFER THIS SERVICE

- In 2016, RDC postings were priced at **\$84/week**
 - 4 postings per day, 7 days a week
- In 2017, if you use eDOC for RDC processing, that price was reduced to \$42/week a 50% reduction
 - 4 postings per day, 7 days a week
- In 2017, if you process RDC via eDOC and use the CU*Answers hybrid mobile app 2.0, the price is reduced further to \$35/week – a 58% reduction
- In 2018, when we finish real-time posting for eDOC RDC clients using CU*Answers mobile apps, the price will drop to \$25/week – a 70% reduction from 2016 prices


*Imaging Solutions Imaging Solutions update

- SINCE 2015, THIS TEAM HAS SET THE BAR FOR NEW CLIENT SERVICE INITIATIVES
- Updating closed loan indexes Manage your archived loan documents
- Signing rooms via It's Me 247 Sign your loan document while you check your balances
- Vault Manager notifications To get your attention when something goes awry
- Image import into ProDOC No more re-scanning documents that are already electronic

Scan Options...

Ger Import File

Scan Page

New in 2018: Imaging Solutions team takes charge of teller Line automation

- Enhanced online vault
- eDOCSignature
- My Virtual StrongBox
- TCD / TCR integrations
- Teller capture minimized

You never know when you'll need a document

CARRYING YOUR FILES ON YOUR PHONE

ONLINE SAFE ELECTRONIC RECEIPTS SECURE FILE EXCHANGE

DID YOU KNOW THESE TOOLS ARE AVAILABLE **RIGHT NOW TO CU*ANSWERS USERS?**

Want to get started with the premium version of Virtual StrongBox or upgrade your standard version? Consider this special offer:

In conjunction with the CU*Answers conference, credit unions who sign up for or upgrade to the premium version by July 31 will receive a MONTHLY DISCOUNT and NO UPFRONT COSTS. This offer provides over \$4,600 in savings!

Visit the Virtual StrongBox booth to learn more.





^{my} virtual StrongBox

CUANSWERS -X- ZARANA

Software Features

File Encryption in Transit Persented encryption process completes upload and download hand-off from SSO and MVSB and Vice versa

CUANSWERS

It's Me 247

Putting Every Credit Union in

File Encryption at Rest A key security feature

Multifactor Authentication Speed Bump Optional mobile secondary authentication to

Enhanced File Exchange Module More granular features to allow for emergitise

Strangthen Member Features

Single Sign-On interface from Online Bank File Storage to Authorized Levels 10 MB for Sondard Peckage. For Premium pa 4 GB and distributes among members as deal

Create New Folders Create a new sub-folder within the currently se

Add, Move, Rename and Delete Capability Primary folder and files tasks

Client Ability to Purchase More Space Online cart style service to let end-users add

File Share "To Provider" Ability for member to share with credit union?

File Sharing via Secure Link Ability to sifere a file with any party, outside of

Folder Sharing via Secure Link Ability to share a folder's contents with any pa

MVSB Educational Wizard Information and education tool for end-usec the Life Minder Module, for example

Discount "keys" Offered by Wizard End-user can save money on space purchas for members Life Minder Module

Educational and consultative tool, to include a example when age-appropriate doo

Buy it:

store.cuanswers.com

User Dashboards Visual display of end-users "use" of MVSB servi

Today's society demands that credit unions have the ability to send receipts and documents to members electronically. CUPAnswers has met this demand by adding a one click feature to ProDoc. With a simple click of the mouse send receipts or other forms. directly to It's Me 247 Online Banking where the member will retrieve from their StrongBox.

Send Receipts and Forms from ProDoc to

My Virtual StrongBox.

This feature is available to all credit unions using CU'Answers Online or *In-house Imaging Solutions.

*Credit Unions using CUPAnswers in-house Imaging Solutions must be using Release Management or be operating on the most current version. For more information contact imaging@cuanswers.com



CU*Answers with its Relationship with My Virtual StrongBox is Putting Every Credit Union in the Document Transfer Business

Through its relationship with My Virtual StrongSox, CU'Answers is providing all credit unions in the network with free cloud storage. Credit unions also have the ability to move to the next level with My Virtual StrongBox with branding, profit sharing, and more.

Members Access My Virtual StrongBox via a Single Sign-On (SSO) From Within Online Banking Now credit unions can offer members an SSO link to an online safe deposit box, accessed from directly within It's Me 247. Here, members can conveniently save their important documents, such as wills, mortgages, tax documents and loan forms-all safely and securely.

M

My Virtual StrongBox Allows Members to Exchange Documents via a Secure Link

Members can also share private documents with whomever they wish, including your credit union. Y can also use the service to exchange and distribute documents securely with any of your members. Th alternative to traditional email and file exchange services has proven to be very popular, and allow you to provide top-notch service to your member

ook inside for more i



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storing the summit period name \$7,400.

Authentication is getting trickier

SPECIALIZED FUNCTIONALITY MAY NEED PARTNERS

- In 2017 the CU*Answers Board invested in a proof of concept with Daon to add some sizzle to mobile app authentication
 - The point is to learn, and set the stage for a new menu of authentication tactics in the future

1:25/3:39 .

■ Far from a guarantee, this proof of concept sets us all up to make some tough decisions on how to invest in future functionality that will help our solutions stand out



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MAP/MOP MOP 1.0 IS LIVE!



12 CUS WITH MOP	APPS REC'D	MBRS OPENED
Element FCU	30	20
Sioux Empire FCU LIVE!	44	14
Honor CU	15	12
Metrum Community CU LIVE!	24	12
Northern Hills FCU	28	12
Notre Dame FCU	16	12
Frankenmuth CU	15	11
Bridge CU	16	10
Everence FCU	15	10
Pathways Financial CU	15	10
NorthStar CU	10	8
Diversified Members CU	8	5
Members Opened vi	a MOP	35

Most CUs in beta since 5/13 or 5/18





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Learn more: ondemand.cuanswers.com







CU*Answers pays employees to join a credit union!

DEVELOPING AFFINITY GROUP PROGRAMS THAT RELY ON MAP/MOP

Today, employees Tomorrow, family members Someday, ...?



Hear from some of your colleagues



ohn Beauchamp Member since 2003

I've been a long time member for WDCU. I think using this new eutomated membership opening process is a great way for CU Answers employees to sign up and start walking in member's shoes. Contrary to popular belief, Lorem Ipsum is not simply random text. It has roots in a piece of classical Latin It.



Tonya Cooper

Member since 2013

Been a member for 4 years now and erypy the convenience of their main branch. location. Contrary to popular belief, Lorem Ipsum is not simply random text. It has oots in a piece of classical Latin Inerature.

Kyle Karnes



I was 15 since I had my first savings account. 10 years later, my whole family are members. Just something like this would be good enough. Contrary to popular belief, Lorem losum to not emply rendom text. It has roots in a place of classical Latin Iterature.



Cool things coming for text banking INTERNET RETAILING IS A SUITE OF SOLUTIONS, NOT ONE CHANNEL AT A TIME AT&T LTE ? 12:09 PM 85% Allow members to quickly and safely execute a pre-K Messages 46247 Contact configured transfer with a single text message TR3 100 \$100 has been transferred from 001-Savings to 002-Checking New available balance: \$450.00 TEXT BANKING: TRANSFER COMMAND **Transfer Commands** TR3 20.75 Create new command Transfer "nickname" \$20.75 has been transferred from Next Command: TR4 001-Savinos to 002-Checking would be set up via New available balance: \$470.75 From Suffix online banking 001-Nickname **To Suffix** desktop... 001-Nickname **Max Daily Amount** Create Command ...then the member simply texts that nickname along Current Transfer Commands with an amount to It's Me Edit Command From Suffix To Suffix Max Daily Amount Delete **247** text banking to post Send Edit TR1 001-Nickname 002-My Checking \$500.00 Delete the transfer Edit TR2 001-Nickname 003-Loan One \$150.00 Delete Edit TR3 002-My Checking 003-Loan One \$2500.00 Delete

It's Me 247 Request Center

DESIGNING YOUR OWN PAGE AND YOUR OWN RETAIL FORMS

Create an audience of application builders

- Watch the activity to find applications that work
- Use those signals to move beyond this platform to direct native integration
- Create a web-based fulfillment center
 - CU-designed processes to go from a member app (for anything!) to services fulfilled

Offer it via the IRSC and evolve it over time

 To a self-service generator, then potentially all the way to a turn-key engine sold in an inhouse format



Let's watch another demo Ken put together...



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Selling with a click

WE STILL HAVE WORK TO DO

- Skip pay continues to be the only service that a CU member can buy via desktop or mobile banking
 - You can open a membership, you can open an account
 - You can be served, informed, and teased to do stuff
 - But you can't *buy* stuff
- Is it because CUs don't retail products in these channels?



2017 has almost come and gone... I thought we would have at least 3-5 new clicks <u>to earn money</u> by now

Selling with a click...we need ideas!

WHAT IF MEMBERS COULD CLICK TO BUY A LOWER RATE?

- What everyday negotiations do you do with members that could be automated as a convenience with a fee?
- If I can order my groceries with a click, why not let me change my loan terms?





Announcing a new bounty program

2018-2019: \$100,000 OF SOFTWARE DEVELOPMENT TO BE FOCUSED ON INTERNET RETAILERS

- At the November CEO Strategies event, we'll announce a new pool of funds to be dedicated to CU Internet retailing entrepreneurs
 - This money will be awarded through development credits to CUs who will engage and lead the way on clicks for bucks in **It's Me 247** desktop and mobile products
- To win, nominate products related to selling a service that were maybe given away in the past, such as...
 - Service income for lowering a loan payment or rate, or... it's harder than you think (that's why we're giving away the money)

As a CUSO, CU*Answers predicts CU clients will spend money faster, in greater quantities, and more often than ever before via Internet stores

What's your plan for members?

CU or CUSO, we need to design new financial futures

A LONG-TERM VISION FOR CHRISTMAS IN JUNE



- Envision a new you
- Change your mindset
- Find the time to train and change
- Commit

How do we change for the EFT marathon?

INCOME PRESSURE ON CU ATM/DEBIT/CREDIT CARD PROGRAMS NEEDS A LONG-TERM INVESTMENT



- Starting Oct 2017 we will reduce ATM/ debit card click fees by 2.5% each year for the next 4 years
 - Ultimately a 10% reduction, or approx.
 \$400K/year by 2021, with a goal to go even deeper
- We will eliminate the resource utilization fee over the next 3 years
 - 50% in 2018, 25% more in 2019, 25% more in 2020
 - This will reduce revenue by \$1.8 million annually by the end of 2020
 - The offset: Statement processing fees will be charged to CUs starting in 2018

How do we support the online marathon?

EVERY CU MUST PRESENT AN INTERNET RETAILING STRENGTH



Starting October 2017, CU*Answers will waive EFT click fees for all CUs with 2,000 or fewer members

We'll also waive e-commerce fees for all CUs with 2,000 or fewer members

We've already talked about our intent to reduce fees for RDC until every CU can offer it

We will reduce closed-member fees by 1¢
 – a reduction of 4%

We will lower the monthly service charge fee by \$2.50 per fee

Approximate impact of all these changes:
 \$125K annually

What do we carry to the future?

CHANGE IS INEVITABLE; PLANNING FOR IT IS OPTIONAL





- It's an art form to drive yourself to count on change, and prosper from being in the right place at the right time
- We must lighten the loads we carry to the future and make room for the investments of tomorrow
- We must envision ourselves running a race we never thought possible, and embrace the race like it's a cooperative thing

Believing that everyone is a developer

CUs own it all...how do you give pride of authorship to those who need and demand it?



It's a Cooperative Thing

TO WIN, CUSTOMERS AND OWNERS MUST BE PART OF THE PRIORITIZATION MODEL

- The concept of a Board of Directors building a company, forging budgets, and navigating the future with management is easily understood
 - Stockholders, clients, and the marketplace are interested in the Board, and often reach out to in their due diligence
- But when it comes to choosing technical projects as CUSO investments and prioritizing getting them done, it gets murky
- Way back in the 2015 business plan, our Board pushed for a new set of initiatives to involve CU stakeholders more intimately in our prioritization model...



...and the Boot Camps have been a blast

"Building Solutions as a Cooperative" Boot Camp

WRAPPING UP YEAR 2 AND GETTING READY FOR YEAR 3

2016-2017 Boot Camp Goals

- Become an intimate part of the development process at CU*Answers, teaming up with the Product Team and the SDLC
- Bring the Owner's Voice website to life as an advisory group



 Drive the DIY/DHD initiative as an advisory group, on its way to being an Advisory Board

2017-2018 Boot Camp Goals

- Be the governing board for the Owner's Voice in action
- Oversee the revamp of Monitor and bring Owner's View to market



 Continue to drive the development of DIY/DHD, and take an active part in the development of the custom software development life cycle

Your 2017 Solutions Boot Camp

BUILDING SOLUTIONS IN A COOPERATIVE

- Lindsay Beyer Fox Communities CU
- Chris Butler
 Verve, a Credit Union
- Kevin Finneran
 Diversified Members CU
- Alayna Johnson Sioux Empire FCU

Jennifer Laud First Financial CU



 Curtis Onofri Pathways Financial CU

Deb Slavens Honor CU

 Angie Szatkowski Alpena Alcona Area CU

Mike Varley
 Frankenmuth CU



97 Increase CU Encourage contest CUs to think Allows CUs to participation creatively Gain member share their numbers & ideas with one awareness of results another products and services

Contests are more successful than they have ever been with participation numbers!



100 CUs

61% increase from 2016.

It's not too late to enroll in the remaining contests for 2017. marketing.cuanswers.com

2017 Mobile Banking Contest



87%

Overall increase in 7.9% members logging in to Mobile Web Banking when compared to 2 months prior.

> Increase in total # of mobile sign-ons during contest when compared to 2016.

2017 Email Address Contest



Overall increase in emails % maintained/added during contest period.



Increase in total # of members who added an email when compared to 2016.



The 2 CUs that best demonstrate their creativity in promoting the quarterly contest to increase members' participation numbers and help gain awareness of products and services will be guaranteed a winning member!



Just a few creative submission examples...



"In addition to marketing materials we already have placed in our lobby, our Marketing Assistant and I dressed as look-a-likes to the girl you have in your marketing items. We went to two of our offices and educated our members and staff about the promotion. Everyone enjoyed this and asked us why we were dressed the way we were which opened the door for us to tell them more about the promotion, mission accomplished!!"

- Jennie Gylock, Marketing Supervisor at Peninsula FCU



Your 2017 Solutions Boot Camp

BUILDING SOLUTIONS IN A COOPERATIVE

- Lindsay Beyer Fox Communities CU
- Chris Butler
 Verve, a Credit Union
- Kevin Finneran, Diversified Members CU
- Alayna Johnson Sioux Empire FCU

Jennifer Laud
 First Financial CU



Curtis Onofri
 Pathways Financial CU

Deb Slavens Honor CU

Angie Szatkowski
 Alpena Alcona Area CU

Mike Varley Frankenmuth CU



Owner's Introducing VOICE

READY FOR PRIME TIME SEPT/OCT 2017

4814 - Mobile Apps: Mobile 2.0 Add Alerts to Mobile Apps t	to warn members of
	to warn members of
pcoming downtime or maintenance	
Post Reply 🛳 🥕 🕒 Search this topic 👘 🔍 🗘	3 posts + Page 1 of 1
Voven	-
44814 - Mobile Apps: Mobile 2.0 Add Alerts to Mobile Apps to warn member	rs of
upcoming downtime or maintenance	
Dby Vovere = Mon May 01, 2017 3:44 pm	
Project Summary: 44814 - Mobile Apps: Mobile 2.0 Add Alerts to Mobile Apps to warn members of upcoming downtime	a or maintenance
addid . Wrone while wrone the war were a wrone while as your memory of showing a	C Of Manneciparius
Project Type:	
Software Enhancement	
Hours Invested:	
0	٥
stavenot	14
Re: 44814 - Mobile Apps: Mobile 2.0 Add Alerts to Mobile Apps to warn men- upcoming downtime or maintenance	nbers of
Iby slavenad + Wed Hey 17, 2017 10:39 am	
We post down time on our website, but mobile app users are not visiting to see down time or down	ngraded service alerts. It would be great to
have this available in mobile as that is where the majority of connections are initiating from.	٥
Vowen.	
Re: 44814 - Mobile Apps: Mobile 2.0 Add Alerts to Mobile Apps to warn mem	abers of
upcoming downtime or maintenance	
Liby Vovere - Thu May 18, 2017 8:19 am	
We past down time on our website, but mobile app users are not visiting to see down time or downgrad this available in mobile as that is where the majority of connections are initiating from.	led service alerts. It would be great to have
[2] 동안 전 2004 25 전 10 10 25 전 25 20 26 전 27 27 27 27 27 27 27 27 27 27 27 27 27	
Yes, #'s definitely crucial to get updates to the largest used medium. PM other users to get them to	to vate for this 🚇 🛛 🖉

Display posts from previous: All posts 👻 Sort by Post time 👻 Ascending 👻 Go

3 posts + Page 1 of 1

Post Reply 🖚 🖉 🕋





Voting in multiple elections every month

SAY SOMETHING ABOUT THE KINDS OF VOTES WE'LL BE LOOKING FOR

Help Us Decide What To Do Next

Enhancements

Topics: 79, Posts: 89

Modifications or Program Modifications Topics: 189, Posts: 196

Help Us Decide What To Stay Focused On

Enhancements Topics: 93, Posts: 96

Modifications or Program Modifications Topics: 60, Posts: 60

Help Us Decide What's On The Chopping Block

Enhancements Topics: 42, Posts: 42

Modifications or Program Modifications Topics: 61, Posts: 61

Please choose 10 enhancements projects you'd like us to start next!

Foll ended at The Jun 01, 2017 10:15 am

	No votes
44824 - Aggrugate deposits at ATM machines per day	No votes
44818 - Ability to add account nicknames when sub accounts are created in CO*BASE	25
44814 - Mobile Apps: Mobile 2.0 Add Alerts to Mobile Apps to warn members of spcoming	downtime or maintenance
الا	75

44748 - Add "Exclude members with written-off loans" flag and logic to Member Connect window

Please select 10 enhancements you'd like us to forget. Poll ended at Thu Jun 01, 2017 12:00 pm No votes 15549 - Relimplement Purge Process for ATM Dehit and Credit Carits for Star ki votes 34408 - Card Status Phase II - Support FIS / Gredit Cards to votes 0 No votes 38692 - Create a field to identify if online limits should be sent in batch maintenance 0 No votes tiens in a record 42728 - Create a loan portfolio web application to votes O No votes 25554 - Reimplement Purge Process for ATM Debit and Credit Carits for Vantiv lo votes gnature product. 15402 - Vantiv - Card Status Phase II - Support 16405 - JHA's Card Status Phase II - Support 40581 - Create a dashboard that will examine the correlation of members viewing their credit scores in ItsWe247 and who then apply for a loan.

102

103

Auditing our production cycles from afar

Products -

BOOT CAMPERS GUARANTEE WE WALK THE TALK

CU'ANSWERS

Who manages this development at CU*Answers?

Unlike a traditional department or specific group of staff, software development at CU*Answ network of leaders from all areas of the organization as well as external players from partner members

Driving the day to-day work is the Product Team. This toam consists of the key leaders for meaning all of the different characters in the development of software tools, from organization documentation. Our planning includes EFE, online barnling, imaging strategies, audio response and the book offen intertwine and share resources.

When are releases scheduled?

(Western)	Carlos Cite Colors Cite (Science)	Cardination () Cardination (Sandor)	Print Print 1 No
17.86	Map 21.3917	May, 21, 2817	A#1510
12.01	06.72.3897	0d.22.2047	Apventiar 13 & 14
17.52	Gao, 3, 2017	Dec. 5, 2017	December 11.4 12
14.01	May 30.2018	Way. 20, 2018	Jane 4 8, 2018
10.11	Gd. 31, 3818	Did 21, 2018	Nov 5-6, 2018
10.12	(Jec. 6, 2018	Dec. 9, 2018	Dec 10 11, JULE

Starting in 2016 aur release numbering scheme was changed. A CUPBASE GOLD release in Privan he numbered 14.02, and one in May would be 14.05. (The month # is based on when unline COR receive the release.) All dotes are subject to change. If a release is rescheduled, depending on the wamber every be changed as well,

How can I keep track of what's coming down the road? Check out a life Ficture view (the coming year in develop)

Every year at the Leadership Conference we introduce some of the major initiatives and pro be working on over the coming your. Check out the presentation from the Leadership Conf. aicture ideas for your credit unions next Business Plan.

That is an alone and progress on many ancients in the Oldern 🐄 We use this page to introduce major projects and hot topics that are either in the design ph development. Check here often to see what's cooking!

Revew the Software Development Life Lince (SDLC) Policy 21 Hipdated: September 7th 2016 This policy documents the rules and procedures for approving, tracking and communicating the software development as it moves through the CL/*Answers production factory, from initial request all the way through final implementation for clients.

Review the weeking Project Release Plan 74 Hipdated May 31st 2017)

This is the most important document used on a daily basis by our Production Team to plan for software releases. Remember that this is a working document, and it is subject to charge at any time. No promises should be implied by this document, we reserve the right to change, remove, or reschedule any project from



In the Kitchen

We're always cooking up new ideas here in the CU*Answers kitchen and we'd like to share some of our current recipes with you. These are some of the singe topic projects that are currently in varying phases of development. These recipes' are not designed to show you the nitty-gritty specifics but rather showcase the general ingredients involved and the shelf who is your point person if you do want more information.

Click through and check out what's coolong how and check back later to see how the menuchanges.

Fierce note: All targeted implementation dates shown in these pages are subject to change without notice. For the must recent list of projects in the pipeline topdated every week, whit our frelease Planning page.

ALC: NOTE: NOTE: NOTE: NOTE: NOTE: NOTE: NOTE: NOTE: NOTE: NOT: NOT: NOT: NOT: NOT: NOT: NOT: NOT	Last the second
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A STATE OF THE ump In the Beta Pool

lices your credit uncon like to be in on the ground loar of new tools and ideat/ Have you get the kind of team that divisi into new terfroore with setthatslased?

Are you as early adopter just chomovig at the lot to get at that next new software feature? If you're willing to help us test other new tools at the

same time, you just might get your wish.

Nerve always on the highput for credit unlives willing to participate in the lasta-text particle for mooir CU*BASE offware releases. If your credit union would like he in the pool considered for beta testing new features and enhantements, we need your

Earn CollabRebate 55 for beta-testing

To increase the effectiveness of our beta-test process, we need as many eligible CUs in our bela positiat possible. We recognize that beta-testing is an added challenge for your bioty fearns, and we also COLLABREBATE know how important a good bata test is for the success of ourreleases with all of our clients, to were putting our money where our mouth is by offering a Collabitatiate reward for active beta test participants.

- How rouch money ore we indiring? For each of our 2-3 major releases per year, well after between \$2,500 and \$5,000 per bata-test CU. The amount will be determined prior to the release according to the number of projects and relative complexity of the release. For example, for a report release we offered beta-tent Collabetetiate of up to \$3,000.
- What do you mean. "We to?" If your credit union actively participates in the field by staying in contact with our traffix and completing the necessary feedback forms, we'll award the full amount, its the past we have had credit unions start off with a bang then back out partway through the lest period, so we doreserve the right to adjust the amount if appropriate, based on a credit union's actual participation 3 What its we have to do? You'll need to agree to the rules and tasks outlined below, behaling completing

our feedback form and returning it to our QC stam within 1 week after the end of the beta test. Cast propose be a proof as deputited in more detail in "Part 2" being, not every release (an be beta levine by every credit union, so first check the requirements to see if you are eligible. And while we do want multiple bets hed sites, we need to keep the project manageable. So we reserve the right to choose the final selection of befa Cub for each release.

When will r know I am in the deta? We will make the announcement on the Wednesday three weeks prior. to the beta test start date, you will contacted immediately by our QC team to amange for your training web conference a week or two prior to the beta release.

· What if I can't and you must have their that early? Then perhaps beta-testing is not ruli! for your credit amon.



Documentation: Release Summaries

Release Summaries

Are you looking for information about future releases? Clieck out the Weekse Planning Page

Or take a look at training and domo skitors from processs releases a

2017

- Menthly Monto/ Occap - April 3017 🎕

- + Imaging Solutions 17.05 Hornse Summary May 29, 2017
- CLPMANE Remarke 17.05 Romania Summary May 21, 2017 5
- CU*BASE Release 17.05 Tool Changes May 21, 2012 18 CU*BASE Release 17.05 Dotatize Changes - May 21, 2017 3.
- A Munthity Monstor Recau March 2017 74
- Monthly Monitor, Recap February 2017
- CUMINE Belease 17.03 Reisone Surrenary March 19.2017 🛸
- CUMMAGE Release 17.00 Database Changes March 16, 2017
- 👻 Monthly Monthly Recall January 2017 🛸

2016

- + Manthy Monitar Becan | December 2016 🦜
- · Manthly Monton Betan November 2016 Th Online Banking Release 36.11 Release Summary - December 6, 2016 58
- CU*BASE Relieses 16,12 Reliese Summary December 4, 2019
- O.258ASJ, Release Tol.12, Menu Changes December A, 2016 10.
- CUMBASE Release 10.12 Distabase Charges December A. 2016
- imaging Solutions 16, 12 Relates Summary December 4, 2016 18
- Microbly Moruba: Bacap Distane 2015 12 Imaging Solutions 16,10 Release Summary - Detablet 23, 2016 14
- Imaging Solutions MAD 16.10 Recat October 2016 🐄
- CUPBASE Release T6 10 Revene Summary Ortober 25, 2016 13 papers 14
- Revived CUMMASE Referse 10.10 Dotations Characes October 25, 2016 3 Loaves 🗣
- · CUPITALE Release 16.10 Mercy Charges October 23, 2016 Lesses 36
- Monthly Monthly Recap September 2016 59 - Manitoly Monitor Repair - August 2015 2
- Monthly Monito: Recan July 2016 🛸
- * CLPHONSE Release 16.07 Release Summary 302 17, 2014 3 pages 54
- + CL/SIAGE Release 16.07 Database Charges Jun 17, 2016
- Mentely Michael Becan June 2018 📽
- Menthly Monthly Recap. May 2016 14
- Imaging Solutions (MI) 16.05 Recap May 2016 18 Manthly Monitor Recap - April 2016 🕸
- Revised CVPBASE Reference 10.05 Revease Summary May 15, 2016 13 pages 98
- CUMBASE Returns 16.00 Datature Changes May 15, 2015 Z pages 1
- CU/SANT Release 16.00 Memo Changes May 15, 1015 5 mages 9
 CU/SANT 15.05 Release Transmission Proventation (TDF) 9
- Merrelly Monitor Recap March 2016
- Manthly Monthly Britan Edimarca 2018 10
- · Revised CU*DASE Release 16.02 February 14, 2016 4 pages 91
- Menthly Monthly Recau January 2016

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Contract of

New tools you should be using

MY FAVORITES FROM EACH RELEASE SINCE LAST YEAR

16.07

- Holds on Direct/Mail post for RDC batches
- "Hide my typing" and "Change question" on mobile web / mobile app

Passing Off to The Future



2016

Monthly, Monthly, Benaul - December, 2016
 Monthly, Monthly, Secar, - Nevember, 2016

Nevelietters

CUPEASE Balarance

- Pear Analysis

Passing Off to The Future



New tools you should be using

MY FAVORITES FROM EACH RELEASE SINCE LAST YEAR

16.10

- OTB TotalLook projects
- Teller negative balance overrides
- Tiered Services points for credit/debit card usage, credit score
- Automated tracker notes on Phone Op wrap-up codes

- Decision model tools:
 - 247 Lender Underwriting Ratios
 - Deal Filters
- Automated collateral valuation from NADA
- EFT vendor alternate address handling
- Special handling for Social Security deposits





Passing Off to The Future

New tools you should be using

MY FAVORITES FROM EACH RELEASE SINCE LAST YEAR

16.12

Budget tool enhancements

- Run your projections after Jan 1
- Jot down notes on your assumptions
- Archive multiple budgets for midyear revisions or running different budget assumptions
- "Losing the Love" dashboard analyze member behavior patterns

SIDEBAR: Budget enhancements coming in 2017

- Budgeting income and expenses for balance sheet assets or liabilities that are linked via rates
 - CU investment income
 - Non-CU*BASE trial balance loans or borrowings (cost of funds)
- Project a balance, do the math on a rate, then complete the income or expense calculation

Passing Off to The Future



New tools you should be using

MY FAVORITES FROM EACH RELEASE SINCE LAST YEAR

17.03



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411	2	Work/View Loan Application Status	LOANG	10 th	
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211	4	View Ny Cross Sales Status	IIYXSALES		
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211	14	Member Personal Banker	10		
-	-	a Dili tar ungelapori (D.13 🔛		++	CUBASE

17.05

- "Chase the money" option for statement style fees
- Reassign tracker follow-ups
- ANR enhancements (daily reactivations, use ACH deposits as criteria for negative balance limits)
- Design your own database for membership and account data
- Expanded exports in Where Members Shop
- Support for PINIess PIN data for select EFT vendors
- Qualified Dividend enhancements (qualify based on all sub-accounts, not just the QD one)

Some pending stars scheduled for this fall

MY FAVORITE TOOLS COMING SOON

17.10

- A revamped accounts payable system that includes invoice approvals and vendor payments via ACH
- Wrap-up code controls by employee ID (so you can finally turn on Phone Op wrap-up codes!)
- A brand-new contact number database...unlimited phone #s with labels that mean something to today's members
- A revamped, more user-friendly CUFMNT file (yes, just as Jody retires, we finally did it!)

- Reg. D warnings in It's Me 247
- More granular check hold settings for RDC deposits...
- Non-member notes (Tracker-lite)
- New tools and a dashboard for your database administrator (you have one of those, right?)
- ...and oh yeah, reworking the CTR dashboards to FinCEN's latest specifications (in about 45 days)

Finding Boot Campers for 2018

Building Solutions in a Cooperative Boot Camp

- Manage the new Owner's Voice approach for 2018
- Oversee the revamp of Monitor and its value prop
- Oversee the first year of online stores and their value to developers
- Be the poster faces for DIT & DIY, the champions of a cooperative prioritization model that includes owners

What Makes Data Valuable? Boot Camp

- Drive the first year of Unique Data Management (user-defined fields, DIY data floods, etc.)
- Oversee the data warehouse business
- Team with the new data analytics client service bench
- Continue building new data-related job descriptions and network focus groups

DHD Boot Camp

- 6 people to be nominated for 2 sessions: May 2018 and November 2018
- Intensive workshop format: work with our developers to complete a project
 - APIs for mobile features
 - APIs for website features,
 - Setting up 3rd party integrations
 - Other DIY projects
- Details to be announced at CEO Strategies in November 2017

Make sure to visit the boot camp vendor table!



A network of do-it-yourself solution builders

A CONSTANT NARRATIVE...

- ...Talking about APIs
- ...Talking about the custom software development life cycle
- ...Working to change the persona of our community in the marketplace
- ...Changing the persona of our credit unions in the marketplace
- …Everyone trusting the crowd and bringing them in as disruptive solution builders



Imagine what an army of developers will do

- GOING FORWARD, DIY IS JUST A WRINKLE WE'RE ADDING TO DECADES OF DIT SUCCESS
- Over 20 years of release documentation online...
- Over 700 tools in CU*BASE...
- A factory for mobile app development...
- A decade of online banking history...
- ...and now we're going to double down and reach out to vendors, credit union employees, and a marketplace of mad scientists who want to go even further into the future



Manufacturing insight and inspiring data awareness as a currency

Stakeholders need a new value prop



It's a Cooperative Thing

DISRUPTIVE SHARED EXECUTION MAY BE THE ONLY WAY CUS UNLOCK THE POWER OF DATA

- The marketplace has an intuitive trust in the idea that data analytics hold the key to the future . . . but what is intuitive is not always easy
 - So once again we turn to the owners to come together and be part of the solution
- But what if there was no army of data analysts listed among all our CUs?
 - What if you wanted to influence CUs to invest in data analysts?
 - What if you wanted to give a concrete vision of how these analysts would use data warehouses?
 - What if you wanted a guarantee there were dedicated resources to deliver on the intuitive and do the hard things?



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"What Makes Data Valuable?" Boot Camp

WRAPPING UP YEAR 2 AND GETTING READY FOR YEAR 3

2016-2017 Boot Camp Goals

- Navigate the fog and identify bedrock investments CUs can make in data, data professionals, and data infrastructure
- Participate in defining and encouraging a new business: Asterisk Intelligence



Inspire and army of practitioners and crack the riddles

2017-2018 Boot Camp Goals

- Partner with (and potentially work for) Asterisk Intelligence
- Lead the way in using new database admin tools via CU*BASE
- Design procedures that will ensure CU success with data warehouses and data transfer
- Reshape the audience for CU data and include all CU stakeholders

Your 2017 Data Boot Camp

WHAT MAKES DATA VALUABLE?

- Debra Bauer
 Frankenmuth CU
- Doug Briones Notre Dame FCU
- Jeffrey Catalfamo Progressive CU
- Mary Dlugokinski
 Viriva Community CU
- Christie Dompierre TBA Credit Union

- Heri Garcia
 Thinkwise CU
- Christopher Harris Allegan CU
- Edward Hatton Notre Dame FCU
- Dan Hertzler rkGoBig
- Brian Hoskins Michigan Legacy CU
- Travis Lane
 DOLFCU

- Sarah McNeil United Advantage NW FCU
- Karen Padrevita Metrum Community CU
- Deb Slavens Honor CU
- Dominic Sloma Verve, A Credit Union
- Brian Sprang
 Quest FCU

Products from your Data boot campers

GOOD IDEAS BROUGHT TO LIFE IN 2017

- Extending your database
 - CU-defined, unique data elements for your membership and account files
 - Introduced in the 17.05 release
- Managing your member data via floods
 - Coming in the 17.10 release: flood it yourself (for FREE)
 - 25 flood programs to populate 42 membership/account data points with an engine that can expand to offer more programs and data points in the future
 - Upload your data or choose a standard setting
 - Plus tools to make it easier to importing your own data into CU*BASE



-Session 0 CU*BASE GOLD -_ X File Edit Tools Help **Custom Account Field Configuration** Add Field name CRDTGRADE Display sequence # 15 Description Credit grade at time of loan approval Data type O Date Ollars Choose from a List **Quantity** OText O Percentage O Checkbox □ SH □ SD □ IR □ CD □ TX ☑ LN ☑ OC Application type UNIQUE DATA MANAGEMENT **Pre-Defined Values** Code Value CREDIT GRADE 2 В EX1 CREDIT GRADE 3 SAMPLE TST CREDIT GRADE 4 3 WHATEVER DESCRIPTION YOU WANT ★ Session 0 CU*BASE GOLD - \times _ CREDIT GRADE 5 5 File Edit Tools Help **Custom Account Information** UPDATE JOE 771 NEW AUTO LOAN Account # Position to custom field Search for description containing View Edit Delete **Custom Field** Description Content Suspend/Reactivate COAPPTYPE Q Co-applicant type 001 - TESTING COAPSCORE Co-applicant score CRDTGRADE Credit grade at time of loan approval Q LASTREPRICE Aug 18, 2016 [MMDDYYYY] Date of last rate reprice LOCOPTOUT CC automatic LOC inscrease opt out \checkmark Add Value ORIGLNCATG Original loan category (for write-offs) 11 🗏 🔗 i? ORIGLTV Original LTV (before backend) 50,000.00



MEET THE TEAM

- Keegan Daniel VP Professional Services
- Annalyn Hawkes Business Intelligence Analyst AE

Thomas Hull Business Intelligence Analyst AE

PARTNERS

- Xtend
 - Committing one full-time employee
- Honor Credit Union
 - A team of BI analysts



Xtend

- United Advantage NW FCU
 - A CU working with CU*NorthWest and CU*South



Introducing STERISK INTELLIGENCE

UNDER CONSTRUCTION, ON THE WAY TO CEO STRATEGIES, NOVEMBER 2017

- In partnership with the Honor business intelligence team, we are well into a catalog of services, to be offered soon
- In partnership with United Advantage NW FCU, we have our first year-long member lifecycle analytics case study
- In partnership with Xtend, we're building a process to expose analysts to thousands of campaigns and ideas to ponder

So of course we're building a store **→**



The Spirit of CU*Answers Award



■ Since 2011 this award has recognized the CU that:

- Best exemplifies our Leadership Conference theme
- Maintains a strong and vital volunteer program
- Demonstrates the principle of being all about the member
- Shows an innovative example of collaboration and cooperation (the highest Collaborative Score)
- Has started a business in the network
- Exhibits strong execution and performance, especially in the face of adversity
- Has hit the ground running with adoption of CU*BASE tools or plunged into tools in a new way
- Has started a new initiative that really demonstrates the credit union spirit, that moves the industry in a positive direction, that is inspirational to other CUs



8,500 hours dedicated to analytics in 2018

MOVING FROM TALKING ABOUT IT TO INVESTING IT, MONDAY THROUGH FRIDAY

- We know why we need answers, and we're about to put our money where our conversations have been
- More than reporting, this is a drive to confidently manufacture insight, share that insight, and drive execution to new heights
- Asterisk Intelligence is something we'll carry forward to the future

A Decade of CEO School

What a CEO Should Know about Member Data; Leading Meetings; Reporting; Digital Content; Working with Your 2006 Peers What a CEO Should Know about Member Data; Leading Meetings; Driving the Buzz With Your Membership; 2007 Understanding Service Income: Networking Credit Unions for Growth: Working Under the Best Contracts What CEOs Should Have On Their Radar: Achieving the lowest cost of going active with innovation; Having the 2008 lowest cost in the industry for compliance; Being known as one of the most aggressive mortgage servicing networks Getting a Handle on Automated Service Income; Pinning Down the "Duh" Statistics; Learn From a Peer; Reviewing 2009 CEO Dashboards Putting on your Developer Hat; Introducing the Analytics Team; A new style/template for analysis; Micro-awareness 2010 vs. Micromanagement; Pushing the buttons (or assigning someone to push them for you) Building Solutions With the Spirit of Collaborative Venture Capitalists: What a CEO Needs to Know (pushing the 2011 buttons or having someone push them for you); CEOs as Solution Designers; CEOs Inspiring Your Teams to be Developers: CEOs Creating an Innovator's Culture A Community Focused On Driving Opportunity: Actionable Analytical Approach; Making Ownership Real; Do You 2012 Have an Online Channel Strategy? Responding to the Challenges of Big Data: Actionable Analytical Approach 2.0; Patronage Databases; Big projects 2013 where CEOs need to lead the way A Day of Mentoring and Coaching around Using CU*BASE Tools: Actionable Analytical Approach 3.0; Moving Data 2014 to the Edge of Your Cooperative; Retooling for the Next Decade at CUs & Our CUSO A Day of Mentoring and Coaching around Using CU*BASE Tools: Data 2016, Behind the Firewall; Data 2016, Out in 2015 the Open, Extended for the World to See; Building a Collaborative Bench of Data Analysts

It's intuitive that data is the key to answering the riddles that perplex every business ... but what is intuitive is not always simple to act on

At CU*Answers, we're pushing our network and customerowners to crack the riddle



The five pillars of data analytics

A BROAD FOUNDATION, INCLUSIVE AND IMPORTANT TO ALL



AuditLink teamed with Asterisk Intelligence

FOCUSING ON LOWER COST FOR COMPLIANCE AND REDUCED LOSSES FROM FRAUD

Moving towards an expansive data toolkit for service and transaction denials

- Develop a new database for centralized fraud case analysis
- Activate a new database for service denials based on transaction block lists
- Build a new network of vendor integrations to analyze multiple vendor data approaches to fraud analysis and prevention
- Broaden the community that participates with AuditLink; go national with AuditLink and Asterisk Intelligence credit union interactions



AuditLink teamed with Asterisk Intelligence

CECL: A FUZZY INITIATIVE, SCURRYING TO IDENTIFY THE DATA THAT WILL GIVE THE ANSWERS

- If our industry had its own Loch Ness monster, we would call it CECL, and we'd all be waiting for the first official sighting
- **2018:** Integrate with as many CUidentified CECL vendors as possible and correlate a common data approach
 - Like ALM, we're looking for the secret sauce that third parties will accept as best practice
 - Unlike ALM, we're looking to be out in front on this and avoid a generation of spending on 3rd-party solutions



AuditLink and Asterisk Intelligence will lead the way in communicating our CECL direction

A generation of writing tools to see something

WHAT DO YOU DO WHEN IT MIGHT TAKE 3 YEARS OF DATA TO FIND AN ANSWER?

Your database administrator needs to start having a larger voice in how you collect data for the future

Session 1 CU*BASE GOLD - FRANK	ENMUTH CREDIT UNION	N									
Written Off/Cha	irge Off Ar	nalysi	is							Writte	n off
W/O between	and										
	Dollars %	Cour	nt %	Me	embers	Usable Scores	Org Avg Crd Score		Avg Crd Score Chg Orig to Draft		easoning onths
Total written off	16,659,064 100	0.0 249	98 69.	. 8	1703	272	628	531	97-		46
Total charged off		.0 108	81 30.	. 2	756				0		101
Combined	16,659,064	357	79		2459	272	628	531	97-		62
Key Facts for Written Off Loans											
Top Reasons	Dollars	% (Count	%		Top 3 Deal	lers	Dollars	%	Count	%
** Blank **	14,804,368	88.8	2186	87.5	соок е	GM SUPERST	ORE	427,0	37 2.5	57	2.2
BANKRUPTCY 07	838,967	5.0	100	4.0	THELEN	4		299,6	19 1.7	32	1.2
BANKRUPTCY 13	332,237	1.9	38	1.5	GRAFF	CHEVROLET	Г	269,5	61 1.6	35	1.4
INCOME LOSS	145,829	.8	36	1.4		Vie	w Totals	996,2	17 5.9	124	4.9
OTHER	108,008	.6	31	1.2		Top 3 Categ	ories	Dollars	%	Count	%
MEDICAL	105,971	.6	11	.4		TE OFF LO		14,804,3		2186	87.5
View Totals	16,335,380	98.0	2402	96.1	15 USE	ED VEHICLE	S	443,3	01 2.6	59	2.3
					98 SIC	GN LN -SEC	CUR	281,1	85 1.6	53	2.1
						Vie	w Totals	15,528,8	54 93.2	2298	91.9

WO/CO forensics, fraud case forensics, CECL calculations, etc...

Phone and Internet Optics

SOFTWARE DESIGNED TO SEE WHEN THERE IS NO TRANSACTION

- Tracking members and employees when the results are not a transaction
- What will we learn?

5-17-2017

5-17-2017

10:36:00 AM

10:43:05 AM

Transfer

Logout

Report Da	te: 5-22-2017	Re	equest Date: 5-17-2017
It's Me 24	7 Desktop		
Browser: Chro		Se	ssion Length: 15 min 43 second
	Western Districts		ges Visited: 8
	A CONTRACT OF A		
5-17-2017	8:01:32 AM	Authentication - Credentials	
5-17-2017	8:02:01 AM	Authentication - Questions	
5-17-2017	8:03:45 AM	Account Summary	1.
5-17-2017	8:07:30 AM	Account Details (Suffix 120)	6.1.1
5-17-2017	8:10:02 AM	Transfer	
5-17-2017	8:11:00 AM	Site Options	
5-17-2017	8:12:32 AM	Message Center	
5-17-2017	8:16:15 AM	Logout	1
I t's Me 24 Browser: Safa	7 Mobile Web	S se	ssion Length: 11 min 00 second



CU*Answers 2017

SettleMINT teamed with Asterisk Intelligence

PART 1: CARD ON/OFF CONTROLS

- Driving hard for a 2nd- or 3rdto-market solutions
- Developing a database of card control activity with members to point the way in the future
 - Separate activation for credit cards and for ATM/debit cards
 - Optional email confirmation
 - "Control My Card" buttons will be added to It's Me 247



SettleMINT teamed with Asterisk Intelligence

PART 2: NOTIFICATIONS

- Members can choose to be notified after:
 - Every incoming authorization or denial, or
 - Transactions flagged "card not present" or "out of country" only
- Any amount, or only when transaction is \$XXX.XX or higher
- Notification can go to the It's Me 247 secure message center, email, and/or text message (text banking enrollment required)

New transactions, new ways to do new things with your Internet retailing channels

Card Control Settings

We work hard to offer services that will help you be in control of your money and finances. We r the ability to disable your credit cards in the event you suspect fraudulent charges, a lost or stole

Please note there may be a few minutes before the changes take place.



Where many teams intersect

ASTERISK INTELLIGENCE MARKETING AND UNDERSTANDING AN IMPORTANT COMMUNITY

★ Session 5 CU*BASE GOLD - <u>F</u> ile <u>E</u> dit <u>I</u> ools <u>H</u> elp				_								
Subscriber Profile			✤ Session 5 CU*BASE GOLD - File Edit Tools Help	ß								
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Where many teams intersect

AUDITLINK AND ASTERISK INTELLIGENCE MODELING BILL PAY ACTIVITY AND FRAUD SYSTEMS

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05/12/2017 to

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His Weaks Where many teams intersect

BILL PAY PROJECTS THAT WILL GET YOU THINKING IN 2018

- CU*Answers and iPay have agreed to integrate iPay's bill pay vendor solutions with CU*Answers' native It's Me 247 bill pay user interface
 - Project to begin October 2017 with an update at the CEO Strategies event
 - Goal to be in beta with iPay mutual clients by spring 2018
- In early 2018 CU*Answers will add Payveris retail bill pay solutions to It's My Biz 247 and continue to offer iPay Business Services at the same time
- In late 2018, CU*Answers plans to offer multiple concurrent bill pay vendors with two solutions in mind:
 - Avoiding bill pay contract cancellations and big fees at the time of mergers
 - Aiding CUs in migrating members between bill pay vendors when programs change

We continue to be focused on disrupting the distribution models for payments systems that are crippling CUs



Molding a new business line

TO BETTER ANALYZE DATA, WE NEED TO REDESIGN WHERE DATA IS STORED AND ACCESSED

- In 2018 CU*Answers will announce several new data warehouse opportunities for CUs
- Working with the 2018 Data boot campers, we'll prepare for a soft launch at CEO Strategies in November and a grand opening at next year's Leadership Conference
- It will all start with an immediate project to double the available data to your teams, starting now

Improving our data freemiums in preparation for new premium services

Type of Data	Standard Online Retention
Savings/checking history	6 months 12 months
Certificate history	24 months 48 months
IRA history	24 months 48 months
HSA history	24 months 48 months
Club account history	24 months 48 months
Tax Escrow history	24 months 48 months
Loan history	24 months 48 months
EOM libraries	3 months 6 months
GL trans history	24 months
Check register	24 months
Credit report detail	60 days or life of loan
Credit report summary	6 months
Statements	18 months online
Reports	90 days online



Envisioning new premium services

DATA AND THE POWER i: CU*BASE DATA WAREHOUSES IN 2018/2019



Between these five data warehouses, your CU will be able to combine dozens of vendors and hundreds of tactics in one place



Envisioning new premium services

DOUBLING OUR OPERATIONS CYCLES AND GETTING THE MOST OUT OF EVERY DAY



Daily Operations

Limited time window before CUs are open for business



Data Transfers (FILExxP)

Unlimited time window for data transfers and other vendor interactions With two operating cycles, we'll reduce the chance for interruptions in CU*BASE processing and increase availability for a world needing hundreds of data transfers



The next launch of My CU Today

CAN WE LEVERAGE OUR FIRST EXTERNAL DATA WAREHOUSE INTO SOME BIG RETURNS?

- What will it mean to our network to develop new value props for senior executives, board members and stakeholders who never sign on to CU*BASE?
- How will CUs respond differently when they can sign on to this database and create their own presentations?
- Is it possible that Analytics Booth will become a product for multiple core processing communities?



My CU Today Plus (the ink's not even dry)



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791.82	STUDENT LOANS	4.831	6.758	6.000	9.000	57	9	37	87,540	5
701 83	SHARE PLEDGE LOANS	4.298	4.458	4,150	7.000	41		41	291,549	
701.04	SIGNATURE LOANS	8.665	10.285	1,000	20.240	0,009	118	2,818	17,046,103	
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701.32	CLASSIC LOC	54.909	12.967	8.000	25.000	107	30	107	48,449	
701.33	NEW VEHICLE LOANS	4.542	6.362	1.890	15,250	1.013	117	371	21,118,099	

CU*BASE trending tools brought to the Internet...five at a time, starting in 2018

ANALYTICS BOOTH

CU*BASE via a browser?

2018 PROTOTYPES LEAD THE WAY

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CU*BASE via a browser?

3 PROOF-OF-CONCEPT PROJECTS, SETTING US UP FOR THE NEXT 5 YEARS

At CEO Strategies this fall, we'll review these projects as part of envisioning the next CU*BASE

Browser-based analytical dashboards	CU*BASE Teller processing	CU*BASE LOS
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Even though we can, should we?

These projects will help us work through issues such as...

Printing

- Browser selection and management
- And the biggest of all, private information via the web

Over the next 5 years, we'll experiment with hybrids, on the way to a potentially 100% browser-based CU*BASE



Raising the IQ of our community

ASTERISK INTELLIGENCE: INSPIRING AN ARMY OF DOERS

- It's one thing to outsource the repetitive tasks that are best served by combining forces and searching for those elusive savings from scale
- It's another thing to entrust others with the task of understanding our organizations, our members, and our efforts to be a success – to trust their insights instead of our own

CU leaders need to build internal factories for insight

The expectation that CU leaders have grasp of the situation and constantly work to prove it

Day one: I'm the customer of an idea Day two: I'm a partner on that idea Day three: I own that idea Day four: I get a raise

Conclusion



2018: What Should We Take to the Future?

IDEALLY, FROM THE ASHES WE SHOULD BE READY TO TAKE EVERYTHING TO THE NEXT LEVEL

If for a year we've done a good job of taking inventory of who we are, and hunted effectively for what we can change, we should have quite a laundry list of options



- In this next year we need to take that list, check it twice, and prioritize what we will take to the future
- It will start with our commitment to community, our trust in the cooperative design, and our conviction that in your agenda, we find our future







Speaking of a community... Members Served by State



Includes all cuasterisk.com network partners, all clients currently under contract

New Peers to Greet

New CU*Answers Clients Since Last Time

Washington, DC

Life Asset, Inc.
 Washington, DC
 De novo

New York

 Academic FCU Briarcliff Manor, NY

Illinois

 Generations CU Rockford, IL

Massachusetts

 Plymouth County Teachers FCU West Wareham, MA

Michigan

- Dowagiac Area CU Dowagiac, MI
- First General CU Muskegon , MI
- Metro North FCU
 Waterford, MI
- Pennsylvania
 - SPE Federal CU State College, PA



Missouri

 Kansas City CU Kansas City, MO

Indiana

 Members Source CU Merrillville, IN From CU*BASE SE to CU*BASE GOLD

Ohio

- Cincinnati Ohio Police CU Cincinnati, OH
- Commodore Perry FCU
 Oak Harbor, OH
- Materion CU Elmore, OH

Tonight's Stockholders Meeting



March 29, 2017 Keller Ethyman

2017 Nominations are in!

Per our Board Member Handbook, this is the official notification that the period for receiving nominations to till souts on the CUPAnswers Board of Directors has closed as of March St. 2017. - President

Voting Electronically

Once again, we will be offering an electronic voting option for the 2017 CU*Answers. Bioad of Directors electron on June 31, 2017, using the Simply Voting tool (simply-voting com). The bailof will be sent to all owners **during the week of May 1**, 2017.

This year all owners will receive an email from CUAnswers.SimplyVoting.com with an electronic ballot.

Owners who elect not to cast their vole electronically can obtain a hard copy of the

 Owners, see you in the "prefunction area" (a.k.a. out in the hall) at 6:30 for cocktails

Join us for dinner back here at 7:00

Meet your Board

2017 Election

2 candidates for 2 seats on the Board

Come hear what Bob has to say about our numbers, 2018 and yearend 2017

Wrap-up



Thanks to

our very

"cooperative"

crew!



Celebrating PJ

IN 1994, SHE MET ME AT THE DOOR AND STARTED TEACHING ME HOW TO CONNECT WITH A NETWORK

What can you say about a world-class train conductor who makes sure everybody is where they're supposed to be for over 40 years?





Also in your packets...

CUNKIWERS

BOARD EDUCATION Get Connected with Board Physical property family which a property little

Board Planning Session Topics

Conference will be obtained accorded difference broad develop searcher region in 2017 2018. Belles provide their braac starting tractor that will be addressed to op-methy point shall of discussion as well as another therein in the bells can be help them and the log printers

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CUMBWERS

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Business Continuity



Next year... new locale!

ALSO NOTE THE DATE (A WEEK LATER THAN USUAL)



ATTENTION!

The 2018 Leadership Conference will be held at the Devos Convention Center

Schedule of Events

Tuesday, June 26, 2018 (JW Marriott) • CU*Answers Board Meeting • Xtend Sales Meeting • Xtend Annual Stockholder Meeting • cuasterisk.com Cocktail Hour

Wednesday, June 27, 2018

Leadership Conference (8-4pm): Devos Convention Center

CU*Answers Stockholder Reception/Dinner: JW Marriott
 CU*Answers Stockholder Meeting: JW Marriott

Thursday, June 28, 2018

CU*Answers Annual Golf Outing: Saskatoon Golf Course

See you went year!

Pass it on...

MATERIALS ARE AVAILABLE ON OUR WEBSITE

CU'ANSWERS

Products Solutions Resources Events About

Leadership Conference: 2017 – It's A Cooperative Thing



2017 - It's A Cooperative Thing



Cooperative Business Charters Rock for Being More Than Just a Brand.

Being a cooperative is as much a way of being as a state of mind. It's an environment that fosters teamwork and collaboration as well as a commitment to self. You are an "owner" of your credit union. You have a direct say on the direction your credit union is going to take. How do you pay your customer-owners.

https://lc2017.cuanswers.com

union leaders from all CU*BASE clients.

the CU*Answers Leadership Conference

 provides a unique opportunity to get together with your peers and hear CU*Answers' vision for our partnership during the coming year. We hope you will join us for what always proves to be a fun, energizing and inspiring time together!

Save The Date

The 2017 CU*Answers Leadership Conference & Golf Outing will take place June 20-22,

We Want Your Input!

Clettom Saarch

Think like an owner! We're asking you to send us 1-3 suggestions on how to improve our value as a CUSO in 2018. Help us disrupt the status ouol

Lizarin More

In This Section

- Leadership Conference
- 2017 It's A Cooperative Thing
- -- Accommodations
- Attendee Registration
- -- Vendor Registration
- -- Vendor Exhibits
- Service Exclusion
- 2016 Redefining Everything Credit
- 2015 Would You Like Fries With TI
- 2014 Walking in Your Member's 51
- 2013 Life is a Construction Zone
- -+ 2012 Every Day Is a Grand Openin
- tere croy bay as a site optimi
- 2011 My Credit Union is My Comm

