

It's Me 247

Online Desktop and Mobile Banking

VERSION June 2021





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Quick Reference Summary of Controls

LOGIN CONTROLS

Cross Site Forgery Prevention

Inputs are sanitized, and sessions tokens are used to prevent cross site forgery.

Session Timeout

The timeout is 5 minutes and activity based, meaning if a user has an idle screen for 3 minutes the user will get a popup advising 2 minutes are left. If the user maintains activity, the session will continually extend itself. Activity is mouse/keyboard actions on the active browser window.

MOP Restrictions based on Session

Users cannot jump ahead or go back on certain pages, and verify, fund, and enroll processes are restricted to single use (even when multiple windows are opened to the same page).

Dynamic API keys for External Access

Keys needed for external access to MOP change all the time, rather than a static set of keys that could be lost or stolen.



256 Character Password Limit: Minimum limit is 6 characters.

Challenge Question: Members must answer a challenge question at login.

Incorrect Login: Account is disabled if three incorrect passwords are entered, or three challenge questions are answered incorrectly.

Temporary Password: Controls are in place to control the length of time a temporary or unused password is available to the member without their logging into **It's Me 247**.

Password Expiration: Online banking passwords can be configured to expire after a certain period of non-use.

Timeout: Members are automatically logged out of **It's Me 247** after fifteen minutes of inactivity or page refresh (five minutes for login and security screens).

Red Flag Warnings:

When credit union employees enter selected screens (such as Teller, Inquiry and Phone Operator), they receive a warning message noting how many changes have been made to the personal information items in the last 30 days.

DATA TRANSMISSION



Encryption

Information entered by the member is encrypted through 256-bit encryption.

Data Storage

Username and password information is "salted" (random data added) and hashed.

PIB LAYERED CONTROLS (OPTIONAL)

Geographic Controls

Allows or blocks access based on the PIB profile.

PC Registration Controls

Members can require that a computer be registered before it can be used to sign on to **It's Me 247**.

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Days and Times Available

Members can use these to establish what is "normal" for them, blocking access during days and times when they will never be using It's Me 247.

Confirmation Codes

Members can set a confirmation code (essentially an additional password for EFT transactions and transfers), as well as loan applications.

Secure Message Center

If changes have been made to a member's PIB Profile, or if someone has attempted to access the member's **It's Me 247** accounts in violation of a PIB profile setting, a message is sent to the member's **It's Me 247** secure Message Center.



Credit unions may be asked by examiners or auditors to provide an Online or Mobile Banking risk assessment, documenting **It's Me 247** safeguarding of authentication information. While this document is intended to assist credit unions in their risk assessments, note that not all features and tools listed are automatic. Many security tools must be specifically activated by the credit union. For example, many of the security features are available in Personal Internet Branch (PIB).

It's Me 247 is an online and mobile banking product that has been designed to safeguard your members' money and privacy. To further ensure security, these protective technologies have been applied in layers to address each phase of the online transaction.

Both **It's Me 247** Online Banking and Mobile Banking use the same authentication features. PIB is available for Online Banking, and Multiple Authentication Choice Options ("MACO") is available for Mobile Banking.

There are no significant security differences between our Mobile 4.0 and 5.0 versions. Mobile 5.0 presents security options to the user in a different way. For more information, <u>please download</u> <u>the brochure here</u>.

Overview of Online and Mobile Security Features

It's Me 247 is an online banking product that has been designed to safeguard member money and privacy by using the latest technologies. To further ensure security, these protective technologies have been applied in layers to address each phase of the online transaction.

USERNAME AND PASSWORD FEATURES

It's Me 247 Online and Mobile Banking offers many controls for managing the passwords used by members to gain access to their accounts.

Usernames

Usernames can contain a letter or a combination of letters and numbers. They are not case sensitive and can include spaces and cannot contain special characters. Usernames cannot contain the account number, nor the member's first and last name.

Password Disabled

Three incorrect attempts disable the password.

Password Length

Online banking passwords can be up to 256 alphanumeric characters, including special characters

Password Characteristics



Passwords are case-sensitive (i.e., Ds443&sld is different from dS443&SLD). Passwords can include a blank space. Credit unions can specify a minimum number of characters (At least 6 to 256 characters are recommended, 6 characters are required). **Passwords are not stored on the system**.

Password Complexity

Credit unions can require members to follow complex password rules (requires three of the four following: uppercase letter, lowercase letter, number, and special character).

Hide Typing

When logging into **It's Me 247** members have the option of selecting a "Hide my Typing" feature (by clicking the eyeball graphic) so that when they enter their security question answer, asterisks appear on the screen in place of the actual characters that they type.

Password Strength Meter

When a member creates or changes his or her password on the My Password page under Preferences in **It's Me 247**, the "Password Strength Meter" tool educates the member as to the security level associated with the password they have just entered.

Password Expiration

For credit unions who set a password expiration, members will receive a password expiration warning.

RED FLAG WARNINGS



When credit union employees enter selected screens (such as Teller, Inquiry and Phone Operator), they receive a warning message noting how many changes have been made to the personal information items in the last 30 days.

AUTHENTICATION INFORMATION



Authentication information entered by the member is encrypted. Transmission security is provided by using 256-bit encryption. Passwords are then "salted" for additional security, hashed, and the 256-bit string is compared to the value stored in the database.

CHALLENGE QUESTION



It's Me 247 requires users to answer a challenge question in addition to supplying a password each time they login to online banking. Members set up these questions and answers the first time they use online banking. Since answers can be a maximum of 30 characters, this gives the member an opportunity to create a longer, harder to guess passphrase to work in tandem with the password. The challenge question rotates, the member selects from a list and creates one. Three incorrect challenge question answers require the credit union to reset the account.

ABNORMAL ACCOUNT ACTIVITY

Credit unions can monitor high risk online banking activity through the Abnormal Account Activity Monitoring function. This allows a credit union to define the ranges (number of transactions and dollar amount) of a month's worth of transaction activity that would be considered normal, abnormal, and high risk for the group.

Online banking activity that can be monitored (among other transactions) include:



Share Draft from Bank Process

This includes all checks posted to member accounts via daily share draft processing, including member checks processed via **It's Me 247** Bill Pay.

ACH Network Processing

ACH activity, including debits for online bill payments that are processed via **It's Me 247** Bill Pay.

TEMPORARY PASSWORD

Credit unions have four configurations to select from for their temporary password, including: Last four digits of SSN (current option), first four digits of SSN and last two letters of last name (all CAPS), **4-digit** birth year and first two letters of last name (all CAPS), Last four digits of SSN and **4-digit** birth year. Temporary passwords expire after 24 hours.

Additional access controls are in place to control the length of time a temporary or unused password is available to the member without logging into **It's Me 247**.

Timeout

If a member fails to log into **It's Me 247** within the allowed time, the member will need to call the credit union to reset the password for access. A temporary password reset by the credit union is valid for 24 hours.



Once members log in to **It's Me 247** the member is required to immediately change their online banking password.

New Memberships

New memberships can set a time period (from one to seven days) that the new member temporary password is valid.

Expiration of Passwords

Online banking passwords can be configured to expire after a certain period of nonuse- either a configured number of days (1-90) or select 999 days to never expire passwords due to non-use.

Personal Internet Branch (PIB)

The Personal Internet Branch (PIB) System provides layered security controls and member personalization for the **It's Me 247** Online Banking application. The configuration of PIB settings involves two parts: the PIB default profile configuration itself, and the master ARU/Online banking configuration settings that control the availability of certain features for the credit union. PIB default profile configuration allows individual members to make decisions about their security, rather than having security unwillingly forced on every member.

Geographic Controls

It's Me 247 uses geo-location technology to determine where the computer is located when the member logs in, and then allows or blocks access based on the PIB profile. If someone tries to log in from a PC that is in a different country, city, or state, the PIB profile will restrict access.

PC Registration Controls



Members can require that a computer be registered before it can be used to sign on to **It's Me 247**. This is done using a special type of cookie called a "persistent" cookie that contains encrypted data that is stored on the user's hard drive for use by the browser software. When a member attempts to log in to **It's Me 247**, the system looks for that cookie on that computer and will not allow the member to log in if it is gone.

Days and Times Available

Members can use these features to establish what is "normal" for them, blocking access during days and times when they will never be using **It's Me 247**. This provides another layer of security by narrowing the window of times when their accounts could potentially be accessed by an unauthorized person.

Confirmation Codes

Members can set a confirmation code (essentially an additional password for EFT transactions and transfers, as well as loan applications).

Secure Message Center

If changes have been made to a member's PIB Profile, or if someone has attempted to access the member's **It's Me 247** accounts in violation of a PIB profile setting, a message is sent to the member's **It's Me 247** secure Message Center.

Overview of Updated Features

It's Me 247 is constantly updating with new features and functionality. Some of these features available since the previous SecuriKey document include the following enhancements.

TEXT BANKING TRANSFERS



Enrolled members can text message requests and receive text message replies on the available balance on accounts of enrolled memberships at any time. They also can also select to have their e-Alerts, such as balance alerts, sent to their mobile devices in the form of a text message, giving them timely feedback when their available funds drop below a desired level. More information can be found here.

PERSON TO PERSON PAYMENTS (P2P) ENROLLMENT



For **It's Me 247** Bill Pay (powered by Payveris) clients, members now have the option to enroll in bill pay and P2P, or just one service. Members can also unenroll from these services if they wish. New members enrolling online in the Pay and Transfer area of **It's Me 247** will see "Enroll in Bill Pay" in addition to the new "Enroll in Pay Anyone" option.

NEW ACTIVATION SCHEME FOR MEMBER FIRST TIME ENROLLMENT

A new optional feature your credit union can activate allows first-time users of **It's Me 247** online and mobile web banking to set up their credentials ("self-enroll") without your having to publish a standard formula for the member's initial temporary password.

Using <u>Tool #569 Online/Mobile/Text Banking VMS Config</u>, you can choose to offer either one or both options:



Send an activation code via text message to a phone number already on file for the member, and/or send an activation code via email to an email address already on file for the member.

The member will click a new button and choose a delivery method they prefer (text or email, depending on what your credit union allows and what data is already on file for the member). This will prompt a temporary activation code to be sent and the member must enter the code within 24 hours before proceeding through the firsttime login process, including setting up a new username (required), password, and security questions, along with other first-time user steps.

Using a login widget? When turning this feature on, remember to verify the way your widget presents on your web page, as members will need to visit the OBC page to enter their code.

1CLICK OFFERS



1Click offers allows credit unions to offer pre-approved, guaranteed credit card accounts to targeted members via **It's Me 247** desktop and mobile banking. <u>More information can be found here</u>.

FLEX LOANS



Flex Loans allow for Loan Payment Change Requests to be performed via **It's Me 247** online and mobile banking. By using one simple tool, members can request a change to an existing loan, with the option to either lower their monthly payment or pay off the loan more quickly. <u>More information can be found here</u>.

POSITIVE PAY INTEGRATION



Positive Pay is available to members via **It's My Biz 247**, giving business members the ability to upload a listing of checks allowed to clear, with ones that do not meet the criteria being added to an exception listing that the member works during the day.

MEMBER-INITIATED CERTIFICATE SECURED LOANS

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These are low-risk loans credit unions can offer directly to members via **It's Me 247** online and mobile banking, with no underwriting, no credit check, and no need for your underwriters even to get involved. With CD-secured loans, when the CD falls within certain credit union parameters, the member logs in to **It's Me 247**, chooses an amount and payment plan, and with a click, the loan account is automatically opened and the funds automatically disbursed into the member's savings or checking account(s). A pledged share record is set up to secure the CD funds as collateral on the loan account, and all your team needs to do is handle any follow-up paperwork you want for your records. The promissory note can also be presented for e-signature.

It's Me 247 Product Feature Matrix

(A) Types of information that can be seen about the member should an unauthorized person gain access to a member account via It's Me 247.

(B) Actions that can be taken with the member's information or money should an unauthorized person gain access to a member account via It's Me 247.

(C) Marked if the feature is considered a special security feature of the online banking software to help prevent unauthorized access or alert members of unauthorized activity.

Feature	Feature Overview	(A) Member Information That Can Be Seen	(B) Actions That Can Be Taken with Member Money / Info	(C) Considered a Special Security Feature
Password security	 The credit union can select minimum number of characters. This minimum must be 6 characters, (maximum 256). The credit union can optionally select to force complex password rules. This requires three of the four of the following: uppercase letter, lowercase letter, number, and special character. Regardless if complex passwords are required, members can use numeric, alphabetic, and special characters in the passwords. Passwords are case-sensitive. 			Yes
Temporary password	 This system-generated password used for new members, members whose password is reset by a credit union employee, or the password used during a promotional campaign for It's Me 247. The credit union selects one of the four temporary password settings. They include: birth year and first two letters of last name (all capital letters), last 4 of SSN and birth year, last four 	 password not visible to member or CU staff; encrypted in CU*BASE files	Password can be changed	Yes

Feature	Feature Overview	(A) Member Information That Can Be Seen	(B) Actions That Can Be Taken with Member Money / Info	(C) Considered a Special Security Feature
	 of SSN, or first 4 of SSN and first two letters of first name (all capital letters). Temporary passwords are only available for 24 hours. If the member does not log into online banking to change the password in 24 hours, the password expires, and the member must have the password reset again. The member is required to change the temporary password immediately after logging into online banking for the first time. The member is not allowed to set a new password that matches the temporary password. 			
Security questions and answers	 Members must answer a security question and enter a password each time they log into online banking. Members set up three questions and answers the first time they log into online banking. The member is given the option of composing both the question and answer for one security question. Security questions can also be set up in Mobile Web Banking (for example on the member's phone during the membership opening process). Security question answers can be a maximum of 30 characters, allowing members to create a phrase as an answer. Security questions are also used when members reset their passwords through the "I forgot my password" feature. Members must answer all three security questions correctly to reset their password. Member Service representatives can delete security questions and answers (first following credit union policies). In this case, the member will set up security questions next time the member logs into online banking. 	 security question answer available in Query; member can elect to hide answers when typing it in a public area (see below)	Security questions and answers can be changed	Yes
Restricted password/ security question retries	 Members are only allowed 3 attempts to enter the correct password and security question answer combination before the password is disabled. This feature is used to prevent someone from trying to "guess" a member's password or security question. 			Yes
Reset of disabled password	Once password is disabled, a credit union employee can reset the disabled password to the default password setting (see previous section on credit union options). Member is required to change password upon first access.			Yes

Feature	Feature Overview	(A) Member Information That Can Be Seen	(B) Actions That Can Be Taken with Member Money / Info	(C) Considered a Special Security Feature
	 Member can also use the "I forgot my password" feature to reset their password. The member must answer all three security questions correctly to reset their password. 			
Member notification of password change	• Members receive an email notification and a message in their Secure Message Center in online banking every time their password is reset, regardless of who resets the password. A password might be reset by a credit union employee in CU*BASE or by the member in online banking.			Yes
	 Additionally, members can see these password changes in online banking to self-monitor activity on their account – only for their account. 			
Credit union monitoring of password changes	 The Member Password Change History report and online management dashboard lists all online banking password changes. Both indicate the reason for the change. Two examples are the present in plus part of the present of the presen		-	Yes
	that a credit union employee reset the password in CU*BASE or member locked the account with three incorrect entry combinations and used the "I forgot my password" feature to rest the password.			
	• Usernames are use in place of account number when member logs into It's Me 247.			
	 Usernames are defined by members in It's Me 247. Usernames can also be set up in Mobile Web Banking (for example on the member's phone during the membership opening process). 			
	 A credit union employee cannot set up a username in CU*BASE for a member. 			
	• The first-time members log into online banking, their account number is used since a username is not yet defined.	Username can be		
Username	 Usernames may not include the member's account number. They may be 1-20 characters, cannot be all numbers, cannot contain the member's first or last name, and are not case sensitive. 	displayed to CU staff in CU*BASE	Username can be changed	Yes
	• Credit union employee can view username of member and assist member who forgets (after first confirming identity of member).			
	• Credit union employees can delete usernames (after confirming identity of member). In this case the member will use the account number until another username is configured by member.			

Feature	Feature Overview	(A) Member Information That Can Be Seen	(B) Actions That Can Be Taken with Member Money / Info	(C) Considered a Special Security Feature
Required usernames	• Credit union can elect to require usernames. In this case all members are required create a username and use it in place of their account numbers when they login to online banking (see above for more information on usernames).			Yes
	 The credit union can elect to activate It's Me 247 automatically for new members. They can also require member to request access before manually activating. The credit union can define the number of days a new member can access online banking with the system generated temporary password before the password expires. Expiration length for new member password can be configured 1-7 days. 			
New members access	 The temporary password claim be consigned to days. The temporary password follows the rules defined by the default temporary password(see previous section). The member is required to change the password immediately the first time accessing online banking with any temporary password. The member is not allowed to set a new password that matches the temporary password. Members can use Mobile Web Banking to reset passwords (for example during membership opening). Passwords can also be reset in online banking. 	n/a	Password can be changed	Yes
"Non-use" password expiration	 Passwords can be configured to "expire" automatically after a certain number of days of non-use Credit unions can select the number of days (1 – 90 days) Credit unions can select to never expire a password due to non-use by entering 999 days. NOTE: If a member logs in during this time period, a member's password will not expire Member may contact CU to have password reset when the password "expires." Or members can use the "I forgot my password" link and answer three security questions to reset the password themselves. 			Yes
Deactivate access at member's request	The credit union can deactivate a member's password altogether so that no access is allowed to online banking.			Yes
Hide my Typing	• Members can select to use the "Hide my Typing" feature to type the answers to their security answers as asterisks (instead of the actual text of the answer)		Extra security feature	Yes

Feature	Feature Overview	(A) Member Information That Can Be Seen	(B) Actions That Can Be Taken with Member Money / Info	(C) Considered a Special Security Feature
Password Strength Meter	• When members create their passwords, the password strength meter indicates with a colored indicator whether the password is weak or short (red), good (yellow) or strong (green)			Yes
	This encourages members to select strong (green) passwords			
Reminder when member has not changed their password	• It's Me 247 displays an automated "soft" warning message to encourage members to change their password, without making it mandatory. This message will appear when the member has not changed their password for the last thirty days.			Yes
in last 30 days	 Members can elect to change their password or ask to be reminded again in 30 days. 		-	105
	 Member's selection is recorded in CU*BASE for auditing purposes. Members can also see their selections online. 			
Evaluation of activated but inactive members	Auditing report helps evaluate risk of inactive members.Available on the auditing menu for restricted access.	Member accounts		Yes
Inactive members	 Lists member who are activated, but have not logged in. for a selected date range 			
Usage statistics for CU	 Displayed via CU*BASE Inquiry, Phone Op, Teller; shows logons used current and previous month and other self-service status (bill pay, eStatements) 			
employee on member access	 Management dashboard show stats for online/mobile web banking, mobile text banking, and audio-response banking. Shows logons used in the current and previous months and other self-service status (bill pay, eStatements) 			Yes
Usage statistics to member	 Details times logged into online banking as well as access point (online banking, mobile banking, jump from other accounts or see balances from other accounts). 			Yes
Confirmation email and secure online banking	 Members receive confirmation emails and secure message center messages whenever a personal item, such as address, email address, or code word is changed (both via It's Me 247 by the member or via CU*BASE by a CU employee. If the email is changed, the member receives an email at the 	Item that changed, not data		Yes
message for personal information changes	 old and new email addresses. No personal information is shared in the email. Members receive notification of what element has changed, but not the actual change itself. 			
Transfer controls	Must first activate transfers to other credit union accounts.			Yes

Feature	Feature Overview	(A) Member Information That Can Be Seen	(B) Actions That Can Be Taken with Member Money / Info	(C) Considered a Special Security Feature
	• Transfer Control is used to limit the member accounts to which funds can be transferred(requires password access on the "from" account only).			
	• A: Transfer control configuration restricts transfers to select to: accounts. These relationships must be set up by credit union employee.			
	 B: Transfer control configuration allow for optional restriction to require member to enter specific to: account information (acct # with 3 characters of the last name for confirmation) 			
	Either A, B, or A and B can be used by credit union			
Online Banking Use Agreement (Member	 Members are required to accept the "It's Me 247 Online Banking Use Agreement" the first time they access It's Me 247. 			Yes
Indemnification)	Acceptance date is recorded in credit union files.			
Timeout Notification/session	 Members are alerted after twelve minutes of inactivity or page refresh with a pop-up window that counts down the remaining three minutes. 			
"timeout"	• If the member clicks "Continue This Session," the timer will be reset and the page will not be refreshed (so the member will not lose anything they have done on the page).			Yes
	 If the user does not respond or clicks "Log me out," they are automatically logged out of It's Me 247 or mobile web banking. 			
Stand-in processing for 24x7 availability	 Stand-in processing makes online banking services available even during nightly and monthly CU*BASE processing 			Yes
Additional confirmation required when member makes Account-to-Account	 If A2A is activated, members must select an additional confirmation checkbox before authorizing an A2A transfer. 			Yes
(A2A) transfer	 Members are then provided a page where they can print the transaction for their records. 			
Personal preferences and security controls	 Includes site styles, personal information update, password changes, username changes, eStatement options, statement style options, etc, 	See below and above	See below and above	Yes
Wrong email messaging	 If member's email address is flagged as a wrong email address, member will see message encouraging them to change their email address immediately upon logging in and each time thereafter until email address is updated 	Email address		
	Member can click to save the address if it is mistakenly marked as invalid			

Feature	Feature Overview	(A) Member Information That Can Be Seen	(B) Actions That Can Be Taken with Member Money / Info	(C) Considered a Special Security Feature
Loan coupons	• Members can select to print loan coupons directly from online banking, allowing this to be a self-service feature. Members print these coupons directly from the loan detail screen.	 Member name Mailing address Account base Account suffix 	Can be used to pay loan	
eAlerts	 CU can elect to allow members to subscribe for eAlerts online through It's Me 247 (CU*BASE feature also available for staff to maintain for members and view alerts sent). Member receives the alert via the It's Me 247 Secure Message Center. Member can optionally select to also receive email notification alerting them that an alert has been sent (no account details included in the email – short option) or a "long" email containing more detailed information. If Mobile Text Banking is activated at the member's credit union, and the member is enrolled in Text Alerts, members can also select a fourth option, to receive the text of the alert in the form of a text to their mobile phone eAlerts balance notifications (email and text message) are evaluated on the 30 minute (configurable for self- processors) cycle. Other emails and text messages are sent according to request.For example ACH Transaction alerts are sent when ACH transactions are posted. e-Alert types: Account Balance above or below specified amount (based on available balance). ACH Deposit and/or Withdrawal posted to account. Loan Payment coming due within specified # of days. 	If "long" message selection is selected, email reports the following for clarity: • Account Name • Account Nickname • Suffix If balance eAlert selected, balance information will also be emailed. All other shorter selection options show no private data.	n/a	
eNotices	 Allow the credit union to send an electronic version of a printed notice to the member. Members can view their eNotices in their Secure Message Center in Online Banking . Content of eNotice is the same as printed notice, except that member's private information is masked in the eNotice for additional security. Members can select to have an additional email notification sent when the eNotice is sent (having the notification sent via text message is also available if the member is enrolled in 		n/a	

Feature	Feature Overview	(A) Member Information That Can Be Seen	(B) Actions That Can Be Taken with Member Money / Info	(C) Considered a Special Security Feature
	Mobile Text Banking). NOTE: Only a notification is sent; the notice text is not included in the notification.			
	 Members can quickly access other online banking pages via helpful links directly in their eNotices.For example to access the transfer screen to pay on a delinquent account (from a delinquency e-Notice) or to change the renewal options (from a CD Maturity e-Notice). 			
	• E-Notice email notifications and text messages are sent when notices are printed.			

Version Control

VERSION	DATE	CHANGE	TEAM
1.0	June 14, 2018	First published	Internal Audit
2.0	June 1, 2021	Revised for clarity Updated with new Release information	Internal Audit

Learn More



You can download the PIB manual here.