

Coming this fall: New Production POWER i Systems

HOPEFULLY A GENTLE WAVE, BUT LET'S PREPARE FOR A TSUNAMI

Current POWER8		Proposed POWER9	Increase
\$1.074M	Purchase Price	\$1.74M	62.0%
\$25K	Burst Expense	TBD	
\$27.5K per month	Lease Payment	\$48.5K per month	76.4%
11	PROD Processors	12	9.1%
116,600 CPW	Workload Spec	190,800 CPW	63.6%
3 Cores	Available for Burst	20 Cores	7X
\$171 per core	Cost to Burst	\$84 per core	1/2 price
1	HA Processors	3	3X
10,600 CPW	Workload Spec	47,700 CPW	350.0%
No	Mobile Cores	Yes	
512 GB	Memory	756 GB	47.7%
11.3 TB	Spinning DASD	22.6 TB	100.0%
13.0 TB	Solid State DASD	15.5 TB	19.2%
24.3 TB	TOTAL DASD	38.1 TB	55.8%
60%	% Used	38%	

	Who We Were in August 2016	Who We'll Be in August 2019	3-year Growth
# of online CUs	161	173	7.5%
# of online members	1,635,034	1,826,329	11.7%
Monthly ATM/debit trans	15,759,645	17,972,916	14.0%
Monthly credit card trans	1,191,968	1,257,990	5.5%
Daon licenses	None	116,000	100%
MACO logins	None	4.9M	100%
Ready-to-book loan channels	Did not exist	✓	100%
Asterisk Intelligence	Did not exist	✓	100%
Data warehouses (FILExxDW & FILExxSS)	Did not exist	✓	100%
Data optics (phone & online/mobile banking)	Did not exist	✓	100%
Custom Training Edition	Did not exist	✓	100%
24x7 operations	Did not exist	✓	100%
Time-zone processing	Did not exist	✓	100%
Pressure for encryption	Did not exist	✓	100%