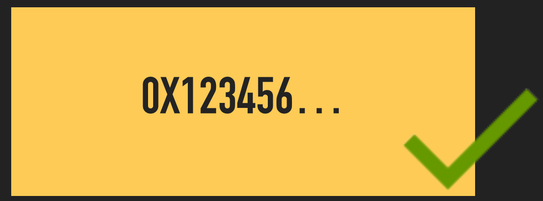
ALGORITHM ROLLOVER

Problem: Algorithms must be changed and data migrated

Solution: Design for online data migration

Record-ID	Algorithms	Masterkey ID	(Data…)
B9E10DEE-C97E-…	▸ PBKDF2(…) ▸ AES128–GCM	B874920B-E801-…	…
FDE0C6E3-8BF0-…	▸ SCRYPT(…) ▸ AES256–CBC ▸ PKCS#5	9A6580FC-1248-…	…
		9A6580FC-1248-…	

ATTENTION: REENCRYPTING OPENS A WINDOW OF ATTACK — BEST USE THE NEW ALGORITHM FOR NEW DATA!



PATTERNS

INTEGRITY