

Deliver Secure Cloud Computing with Oracle Solaris and SPARC M7 Software in Silicon

A Secure Path to the Cloud

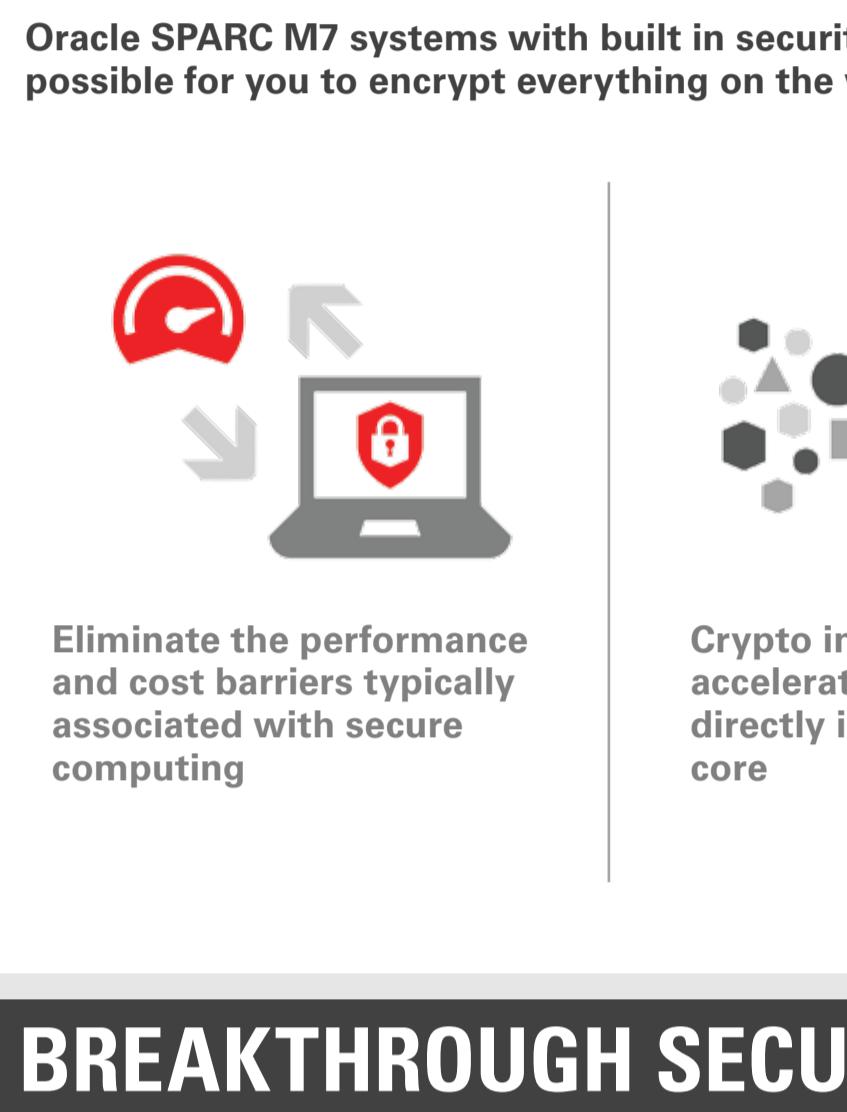
Oracle's SPARC M7 processor, with Oracle's Software in Silicon technology, is the industry's most advanced multithread, multi-core processor with unique capabilities for information security. It sets the foundation for mission-critical cloud-based server infrastructure with unprecedented levels of security, efficiency, and performance.

MARKET FORCES DRIVING CHANGE

Managing and Securing Data is Crucial.

Massive Growth¹

Based on 2014-2018 IDC Oracle Briefing, Jan 2015



Increased Vulnerability

100%

Attacks that target username and password credentials²

99.9%

Data breaches caused by un-patched systems³

\$194

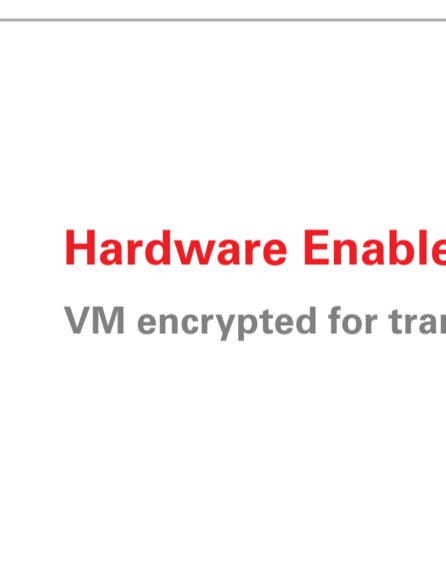
Average cost per record stolen in a data breach⁴

DESIGNED FOR SECURITY

Oracle SPARC M7 systems with built in security features enable "Encryption by default"- making it possible for you to encrypt everything on the wire, everything on disk, everything you're doing.



Eliminate the performance and cost barriers typically associated with secure computing



Crypto instruction accelerators integrated directly into each processor core



Broadest set of ciphers for all your application needs

BREAKTHROUGH SECURITY FEATURES

Technology that delivers.



Silicon Secured Memory

First hardware based memory protection preventing unauthorized access



Simple Compliance Reporting

Only platform with PCI-DSS built-in



Hardware Enabled Secure Live Migration

VM encrypted for transmission over network

ORACLE SOLARIS SECURITY FEATURES

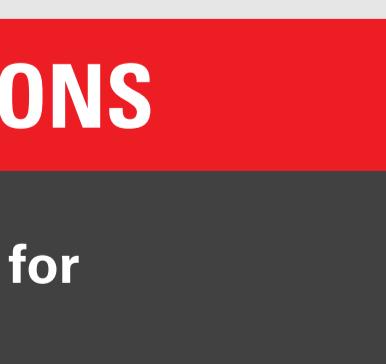
Helps to mitigate credential abuse or misuse.



Activity Based User Access



Control when users can perform actions

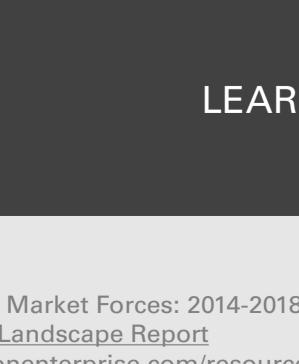


Tamper resistant true remote auditing and logging

FULLY INTEGRATED SECURITY

End to end security is now possible.

Protect All Your Databases, All The Time

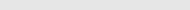


Encrypt The Entire Information Lifecycle Without Performance Penalties



Enable "Encryption By Default" Anywhere and Everywhere

DELIVERING SECURE CLOUD SOLUTIONS



The World's First Software in Silicon for Database and Applications

Oracle's software in silicon technology is truly revolutionary for providing new processor and workload performance increases beyond the scale of traditional processor technology improvements. It was the vision of Oracle over 4 years ago to integrate acceleration and security capabilities at the processor level, which enables the highest levels of security and the highest application performance levels.

Software in silicon technology is an example why Oracle software runs best on Oracle systems and will be incorporated across Oracle systems and software products including engineered systems and operating systems.

LEARN MORE

^[1] Massive Growth: Market Forces: 2014-2018 - IDC Oracle Briefing, Jan 2015

^[2] Mandiant Threat Landscape Report

^[3] <http://understanding-the-real-risk-of-data-breaches.enq02.pdf>, isen/SEW030741USEN.PDF

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