ORACLE

# 5 Reasons
### To Modernize Your Data Center With Oracle SPARC

Replacing your aging infrastructure with a modern Oracle SPARC and Solaris architecture boosts the security, efficiency and performance of your data center. But, what about ongoing business growth and expansion? With the same architecture on-premises and in the Oracle Cloud, SPARC provides the easiest, most cost effective approach to modernizing your business infrastructure.

Deploying Oracle SPARC is the simplest way to modernize your data center.

## 1. Hardware optimized for your Oracle software.

Shouldn't your IT infrastructure put your business in the best possible position to succeed? Generic systems aren't optimized for running your Oracle Database and applications, and can reduce efficiency and lower performance. Ultimately, this prevents new applications from driving business innovation.

With security, performance, and simplicity at their core, SPARC servers provide the ideal infrastructure for running your most critical Oracle Databases and applications. Our hardware and software teams have worked together to optimize the entire technology stack, so you can run Oracle workloads faster, securely, and cost-effectively. All SPARC servers along with our SuperCluster and MiniCluster systems are architected from chip to application to cloud, delivering full integration, ensuring the best efficiency for your Oracle applications.

> " The latest Oracle technology also helps consolidate database workloads by simultaneously handling transactional workloads and data analytic workloads in real-time without impacting performance. "
>
> Mike Leone ESG Lab Analyst,
> Lab Review: Redefining real-time Database Performance with the SPARC M7 Processor from Oracle

## 2. No need to start over.

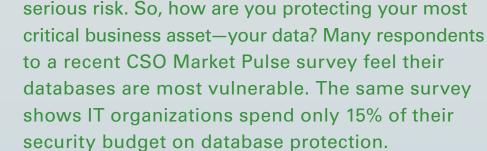Many of your business-critical applications were designed to run on legacy systems, but they now struggle to meet your changing demands. You need a modern platform that allows you to optimize the value of these apps, and innovate new business models. This typically means building an infrastructure from scratch—and that's time consuming and costly. What if there were an easier way to modernize your data center?

With Oracle SPARC servers, you can modernize your data center and deliver an infrastructure that supports your legacy applications. With hardware and software co-engineered to work together, each new SPARC generation delivers greater security, performance, capacity, and efficiency—both on-premises and in the cloud.

A large European Telco recently replaced IBM Power and legacy Sun systems with an Oracle SPARC stack. In just two months, they achieved a consolidation ratio of 3:1, lowered TCO by 75%, and cut license and management costs by two thirds.

## 3. Secure at every layer of the stack.

Cyber attacks are on the rise, and outdated IT is at serious risk. So, how are you protecting your most critical business asset—your data? Many respondents to a recent CSO Market Pulse survey feel their databases are most vulnerable. The same survey shows IT organizations spend only 15% of their security budget on database protection.

SPARC servers and the Oracle Solaris operating system together deliver multiple layers of defense to improve security across your whole stack. These include always-on encryption, protection for applications in memory, access controls, automated patching, and security compliance auditing.

> " The implementation of Silicon Secured Memory easily lends itself to providing a high degree of protection against malicious code execution. "
>
> Enhanced Data Center Security with Oracle SPARC and Oracle Solaris,
> Coalfire, 2016

## 4. Transformational performance and efficiency.

Gaining higher levels of performance from your technology as IT budgets shrink is a challenge many senior IT professionals face. As your infrastructure ages it becomes more expensive to own and less flexible to run. Sound like your environment? If so, you're probably limiting your ability to innovate.

A modern SPARC infrastructure delivers industry-leading core and processor performance. And with the unique Software in Silicon features, SPARC provides greater Oracle Database efficiency, and application acceleration than any other commercial processor. This delivers the scalability and capacity to meet any workload or service level agreement. And it lowers the cost of deploying your enterprise workloads.

> " We achieved results which were about 83× faster. That's what actually encourages us to look at OLAP and OLTP on M7 as a winning formula for our customer success. "
>
> Krishna Tangirala, Chief Technology Officer,
> B&H Photo Video

## 5. A smart path to the cloud.

The business benefits of moving to the cloud are compelling, and it is inevitable that you will need to migrate your enterprise processes at some point. However, if your organization has an aging UNIX infrastructure, moving to the cloud without a viable strategy can be a daunting prospect.

Oracle SPARC Cloud Service is built with the same technology our customers already use in their data centers. So, if you're using a SPARC infrastructure on-premises, you have a clear and easy path to the public cloud. No changing your applications, no going without database acceleration and encryption, no migration risks or costs. Just greater flexibility and faster deployment of your new services.

Oracle is the only major vendor offering a UNIX cloud service. Rather than migrate their applications to another operating system, customers are choosing to extend their existing SPARC/Solaris environments by utilizing SPARC's dedicated compute service in Oracle Cloud.

To find out more, visit
### www.oracle.com/sparc