ORACLE

5 Reasons

Oracle is the Best Option for Your Applications Infrastructure

Your business demands new applications, fast. Your applications infrastructure is key to making that happen. But traditional, self-built infrastructure is complex and resource-intensive, while typical converged solutions aren't built for the extremes your business demands.

Whether streamlining on-premises infrastructure, building a private cloud, or moving to a public cloud, Oracle can help you align your applications infrastructure with your business needs.

**Oracle Engineered Systems.
Optimize your applications infrastructure.**

1. Extreme performance.

Generic infrastructure solutions can't deliver the extreme performance that your applications need and your business users demand. Typical converged and multi-vendor solutions struggle to support a combination of virtualized and bare metal environments, and you just can't afford the performance penalties of typical hypervisor solutions.

Oracle Exalogic is vertically integrated hardware, software, and services co-engineered to deliver maximum performance for Java, WebLogic, Oracle Fusion Middleware, and Oracle apps.

With Oracle Exalogic, we've made hundreds of code-level optimizations across the stack to deliver the extreme performance you need for your mission-critical applications.

7-Eleven deployed Oracle Exalogic to deliver 10 million customer transactions per day, and meet demanding response times of just 1.2 seconds.

2. Lowest cost, fastest deployment.

If your goal is to streamline applications infrastructure for cost, you'll need to optimize not only for hardware costs, but for design, integration, support, and software costs too. Build your own environments and typical converged solutions simply cannot deliver the cost optimization Oracle can.

Oracle Private Cloud Appliance is a converged infrastructure system designed for rapid, straightforward deployment of private clouds. It consolidates both Oracle and non-Oracle workloads from a range of operating systems—including Linux, Solaris, and Windows—and is available at an industry-leading price point.

Plug in and deploy within a couple of hours—all on the same underlying technology as the Oracle public cloud.
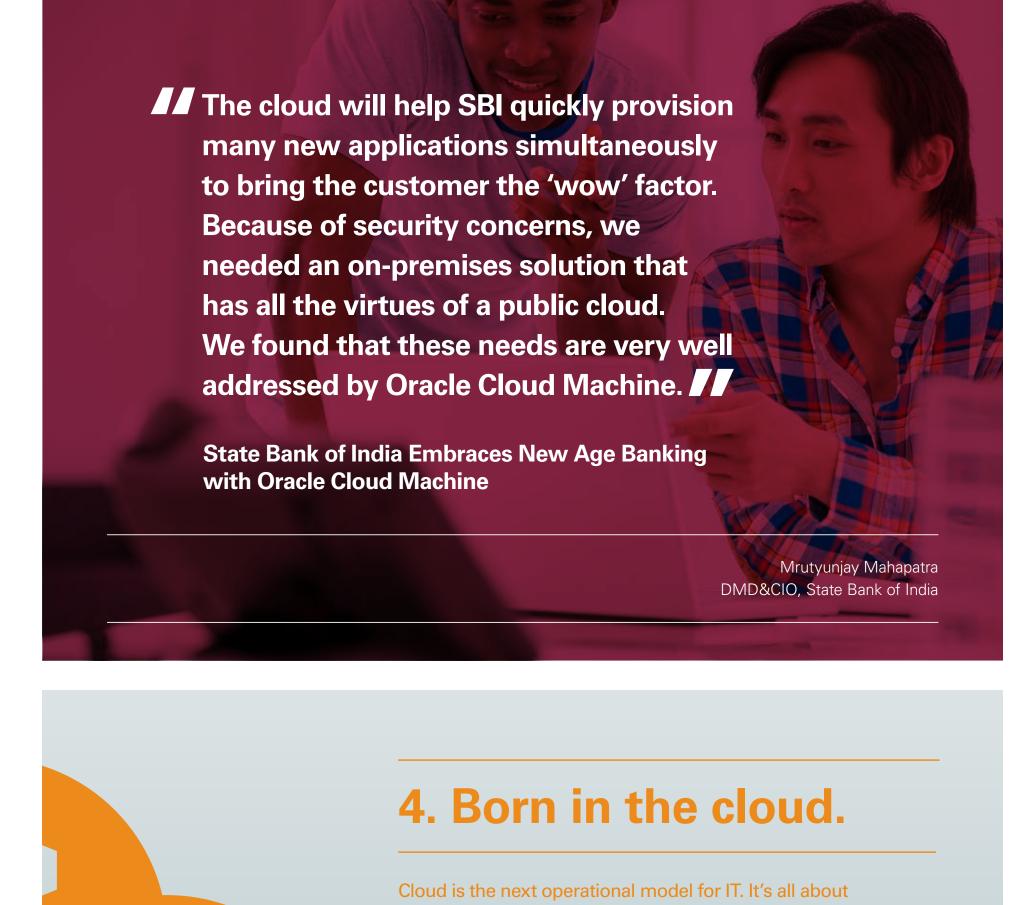
ICA deployed Oracle Private Cloud Appliance and cut operating expenditure by 2.5 million USD over three years, achieving an 85% lower total cost of ownership.

↓ **85%**

3. Public cloud in your data center.

A move to the public cloud can help you bring new applications to market sooner, run them with greater agility and flexibility, and deliver more predictable IT cost structures. But moving key applications to the public cloud isn't always easy.

Oracle Cloud Machine brings the agility of the public cloud to your data center. It supports a rich environment ideal for application development and deployment, and remains under your control in your data center—perfect for organizations with strict business or regulatory requirements.

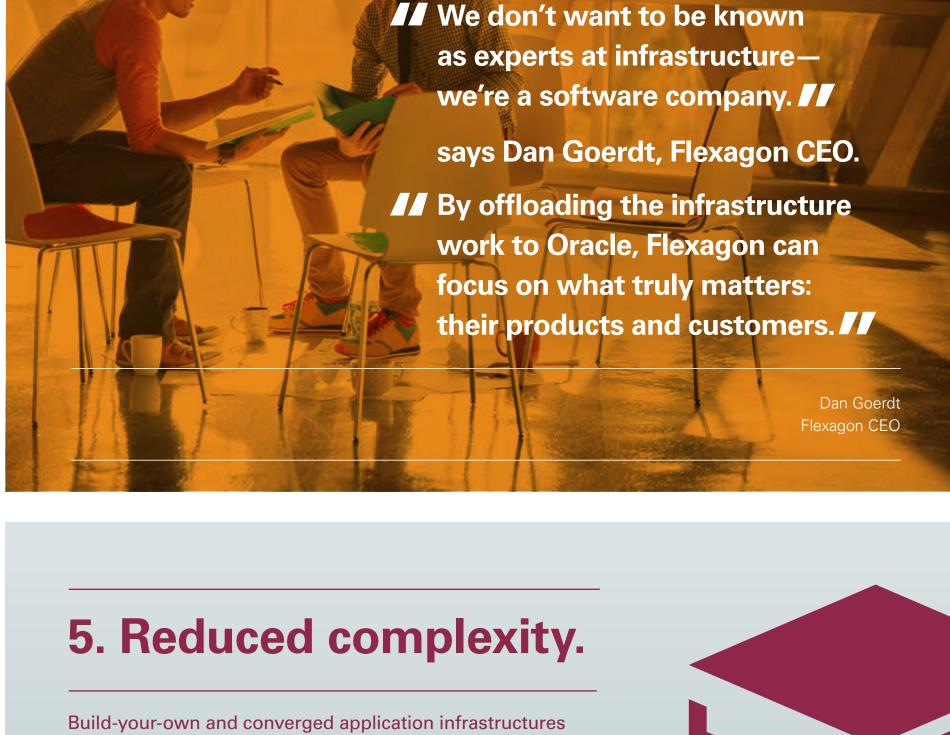Oracle Cloud Machine is consumed like a service managed by Oracle, reducing the burden on your IT team.

> The cloud will help SBI quickly provision many new applications simultaneously to bring the customer the 'wow' factor. Because of security concerns, we needed an on-premises solution that has all the virtues of a public cloud. We found that these needs are very well addressed by Oracle Cloud Machine.

State Bank of India Embraces New Age Banking with Oracle Cloud Machine

Mrutyunjay Mahapatra
DMD&CIO, State Bank of India

4. Born in the cloud.

Cloud is the next operational model for IT. It's all about delivering the services your business needs as quickly and efficiently as possible. Most organizations currently employ a mix of on-premises and off-premises resources, meaning public and private clouds deliver the most business value when they work together.

The beauty of Oracle's applications infrastructure is its simplicity. It's the same technology on-premises and in the public cloud, removing the need for IT to stitch together different architectures, tools, and management packages.

Oracle offers a wide variety of IaaS solutions to help you migrate your applications infrastructure to the cloud and give your business an instant productivity boost.

> We don't want to be known as experts at infrastructure—we're a software company.

says Dan Goerdt, Flexagon CEO.

> By offloading the infrastructure work to Oracle, Flexagon can focus on what truly matters: their products and customers.

Dan Goerdt
Flexagon CEO

5. Reduced complexity.

Build-your-own and converged application infrastructures are often complex, multi-vendor environments. You might have one vendor for servers, another for networking, and another for storage and virtualization. Multiple vendors mean you don't get the end-to-end support you need to combat such complexity, and self-built infrastructure isn't always ready for your journey to the cloud.

Oracle Engineered Systems provide a full hardware stack integrated under a full software stack. They're architected, integrated, and tested by a single engineering team, ensuring all components are optimized to work together.

Oracle provides single vendor support for the entire system, so your IT team is free from troublesome patching, upgrades, and support issues.

> After evaluating various build versus buy options for our private cloud solution, we decided on Oracle Private Cloud Appliance. This turnkey solution provides everything from a single vendor that allows for superior product integration, simplified purchasing and management, and a single point of contact for support.

David Busch
CEO, Tier1 Inc

Find out more about improving application performance.
Visit the Engineered Systems webpage.