1. Cut costs and complexity.

The Oracle Big Data Appliance gives you one simple, unified platform for all your big data needs. From the data lake to the data warehouse, to analytics and BI, it’s all included in the appliance—along with full data encryption. So your data is protected, making it easier to achieve regulatory compliance.

What Oracle Big Data Appliance gives you costs of ownership that are 10x lower than alternative approaches, a 70% reduction in hardware, software, support and maintenance expenses. Hadoop platform licensing, which is generally lower in the public cloud, is often higher on-premises. Big Data Appliance delivers the best of both worlds.

Mark O’Reilly
Director, Cloud Data Experiences, Adobe Systems

2. Faster deployment, easier maintenance, greater performance.

Your database infrastructure and Hadoop or Spark environments are engineered to protect your data. Only Oracle Big Data Appliance offers a unified architecture, strong authentication, and implementations. What’s more, you can expect to save up to 85% on support and maintenance costs. The Oracle Big Data Appliance is engineered to provide you with a low total cost of ownership.

Ideally, your database and infrastructure should be co-located, so that your data is kept close to your users. And what’s more, the appliance allows you to control your own data. The Oracle Big Data Appliance is engineered for secure data processing with a low total cost of ownership. We don’t have to increase our headcount to support an appliance that looks and behaves like a large server, with built-in security and scaling.

Duane George, Senior Director, Platform Engineering, Oracle

3. Keep your data secure and your business compliant.

The Oracle Big Data Appliance enables you to capture, access, and protect your data from any location. It is built on industry-standard technologies, and is designed to provide the industry’s most comprehensive data security, encryption, and authentication solutions. Data lakes are a key part of many organizations’ big data strategies. Oracle Big Data Appliance offers a pre-configured platform that streamlines your pre-existing systems. And to optimize your cloud environment, Oracle Big Data Appliance is designed to allow you to take full advantage of all the benefits of cloud computing.

Within the cloud—whether in the public cloud, or via the Oracle Big Data Cloud Service—Oracle Big Data Appliance delivers the best of all worlds.

Regulatory requirements, company policies, and internal processes can significantly affect your ability to extract insights from your data. But cloud adoption isn’t always possible—so you may have to work with multiple, siloed technology vendors and end up with a set of incompatible systems. Suddenly, you require specialized IT skills to support and maintain your sprawling IT architecture, just to extract some actionable data insights. You try to architect an IT environment that works best for you, and forget integrating different architectures, tools, and management packages.

Today’s organizations recognize the need for IT infrastructure and its data are protected, making it easier to comply with the many regulations and standards that govern data usage. The Oracle Big Data Appliance offers all of these advantages.

The Surprising Economics of Engineered Systems for Big Data.

5 Reasons

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