

Altis D1 Appliance

Accelerating Data Driven Performance

Altis D1 Appliance optimized for big data management, data mining and machine learning

Optimized for next generation data mining and machine learning, the preinstalled, pre-tuned Altis D1 Appliance simplifies analytics lifecycle management, improves resource utilization, and reduces costs resulting in exceptional levels of return.



Integrated multi-layered virtualization infrastructure for enterprise data management, database consolidation, advanced analytics, data mining and machine learning.

As data democratization trends in organizations, more business users rely on data to drive business decisions more frequently. Hence there is a growing demand for a pre-packaged data analytics infrastructure that enables simpler acquisition of technology, faster deployment, single point of support, and technical performance optimization for business applications in any vertical.

Organizations face many challenges today, with greater demands being placed on fewer resources. Businesses need to keep IT costs down while ensuring that users have the data and insights they need to make decisions faster to drive optimized performance.

They need to remain competitive by

- understanding their customers ahead of competition,
- reduce operational and financial risks,
- to attract and retain customers,
- to grow by expanding into new markets and geographies
- and to drive innovation using data asset

Immediate access to relevant, timely business data to enable better decision-making among non-techy business users is often the most critical factor in creating such a data driven culture in organizations, however many organizations are unable to gain effective time-to-value of their data infrastructure for a number of reasons:

- As organizations grow, data often becomes scattered in disparate places, such as individual spreadsheets, application databases, online transactions, and third-party sources, providing only a fractured and incomplete view of the business.

- Sophisticated, custom-built dashboard solutions are costly and time-consuming to implement so the technology is often beyond the reach of many organizations. IT departments in mid-size organizations, in particular, may not have extensive experience in data best practices or may lack expertise to prepare and integrate many different data sources from different systems and technologies into a seamless infrastructure.
- Casual users may be overwhelmed by the difficulty of using unfamiliar tools that don't leverage the business applications they use every day, causing IT to spend an inordinate amount of time manually processing ad hoc report requests. At the same time, power users with specialized data needs may bypass IT altogether to build their own unsanctioned resources, making it difficult for IT to gain visibility and governance over how these tools and the underlying data are being used.

Organizations looking to survive the new climate need efficient, easily accessible data infrastructure that can overcome these challenges without becoming a burden to IT. For organizations requiring an integrated data infrastructure incorporating data mining and machine learning capabilities with simple-to-use authoring and data sharing tools, the Altis D1 Appliance offers a powerful and integrated platform.

Altis D1 Appliance coupled with a range of consulting and post implementation services from Altis Technology Consulting, reduces organizations' time-to-value in data management, mining and advanced analytics.

Achieve Self Service Analytics, Data Mining and Machine Learning Infrastructure

Altis and its partners have come together to help customers overcome the barriers to achieving self-service analytics, data mining and machine learning tools by designing and building a complete solution built on proven reference architecture and with an optimized configuration.

Built on proven reference architectures, Altis D1 Appliance delivers a prepackaged infrastructure for customers', advanced analytics, machine learning and data mining requirements. The pre-configured architectural approach ensures a simplified and accelerated deployment with reduced configuration time and streamlined data loading and data center integration.

The appliance can be up-and-running in just few hours meaning reduced cost of ownership, more business impact, and minimum risk. Additionally, a pre-integrated platform means a more balanced system tuned for optimal performance.

The reporting and information dissemination layer resembles familiar Microsoft office technologies that empowers business users with minimum technical background, to rapidly gain insight from real-time data with minimum involvement from IT.

Technical Specifications

Server – Computing Node	Single and Dual 8x Core Processor with 256GB of Memory
Storage	4 x Chassis of 25 x 600GB SSD SAS Disk
Cabinet Infrastructure	None – Comes with pre-installed 12U rack form factor
Software Licensing	SAS Visual Analytics SAS Visual Statistics SAS Office Analytics SAS Analytics Pro Server SAS Enterprise Guide SAS STAT SAS Access Engines (ODBC / Oracle / PC Files) SAS Forecasting Server SAS Enterprise Miner *Software licenses must be purchased separately to activate pre-installed software

Pricing

	Part Number	Specifications	List Price (Eur)
1	AD1-C08-M0128G-60T	Altis D1 Appliance with 8x Cores and 128GB Memory and 60TB of SSD Storage	750,000.00
2	AD1-C16-M0256G-60T	Altis D1 Appliance with 16x Cores and 256GB Memory and 60TB of SSD Storage	900,000.00
3	AD1-C24-M0512G-60T	Altis D1 Appliance with 24x Cores and 512GB Memory and 60TB of SSD Storage	1,250,000.00