



DeviceMaestro® Smart™ Server 3.0

DeviceMaestro® Smart™ is an open, standards-based, scalable and flexible application that enables an organization to implement its M2M strategy, starting from basic device monitoring, to performing business analytics, implementing service management and eventually business transformation. OEMs and Service Providers can seamlessly integrate DeviceMaestro Smart, with their connected devices, applications and businesses, gain valuable business insights, drive better business outcomes and provide a richer, complete customer experience.

DeviceMaestro Smart Server is the core component of DeviceMaestro Smart and forms the heart of the M2M app.

Client-Server Architecture

- Based on a versatile, scalable client-server based architecture
- Manages multiple devices through individual embedded DeviceMaestro Smart Embedded Client or aggregated through DeviceMaestro Smart Client Proxy
- Interfaces with DeviceMaestro Smart Management Console

Standards Compliant

- TR-069 – a Customer Premise Equipment (CPE) WAN Management Protocol (CWMP) for communication between a CPE and an Auto-Configuration Server (ACS)
- HTTP SOAP – an XML-based protocol for exchange of information in a decentralized distributed environment
- HTTP – a standard networking protocol for communication
- Flexible architecture to support different standards-based communication protocols (as they evolve)

Interoperable

- Manages any TR-069 compliant device
- Integrates 50+ business applications such as SAP®, Siebel®, PeopleSoft®, Salesforce.com®, Oracle®, Sybase®, LinkedIn®, Twitter®, etc., with pre-built connectors¹
- Integrate other legacy applications¹
- Flexible architecture to support proprietary communication protocols¹

Multi-vendor Device Support²

- Manages different predefined and custom defined¹ device classes
- Manages multiple devices in a supported device class

Big Data Support

- Designed for massively scalable databases
- Stores terabytes or petabytes of data, while maintaining industry leading write and read performance
- Supports time-series data management, high-velocity device data ingestion and analysis, real-time data analytics

Flexible Database Architecture

- Flexible, dynamic schema data modeling
- Stores structured, semi-structured, and unstructured data
- Dynamically stores data as needed without performance penalty for changes that occur

Secure Environment

- HTTPS, encrypted SSL communication for data exchange with client and console
- Authentication of client
- Multi-tenanted database support for different customers/partners

Ready to Deploy

- Predefined device classes
- Prebuilt application connectors¹
- Easy addition of new device classes¹
- Installation within premise or on the cloud
- Multi-tenant support for different customers/partners

Scalable Solution

- Java Message Service® (JMS) based messaging server
- Communicates with a disparate collection of system components, without necessarily knowing the details of those components
- Supports addition of new device classes
- Supports increasing device counts, databases, customers/partners

System Requirements

- At least 2 GHz. Intel® Core i5 Quad Core Server with 16 GB RAM, 1 TB HDD running Microsoft Windows® 2008 R2 Server
- For other pre-requisite software, please refer technical documentation or contact Thinxstream Support

Comprehensive Support

- Software updates for bug fixes and feature enhancements
- Technical support
- Professional services for customization and integration

¹ Requires Thinxstream Professional Services

² Based on Thinxstream license

**For further information on DeviceMaestro Smart
please visit: www.devicemaestro.com**

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