



DeviceMaestro® Smart™ Client Proxy 4.0

DeviceMaestro® Smart™ is an open, standards-based, scalable and flexible application that enables an organization to implement its IoT 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 Client Proxy is a component of DeviceMaestro Smart. It acts as an interface between the DeviceMaestro Smart Server and the managed devices.

Client-Server Architecture

- Based on a versatile, scalable client-server based architecture
- Interfaces with DeviceMaestro Smart Server and multiple devices in a LAN

Interoperable

- Manages any device compatible with the pre-defined and custom defined¹ device classes
- Flexible architecture to support different proprietary and standards-based communication protocols (as they evolve)
- Uses open, industry and de facto standards such as MQTT, CoAP, CWMP and HTTP

Multi-vendor Device Support²

- Manages different predefined and custom defined¹ device classes
- Manages multiple devices in a supported device class
- Supports monitoring and diagnosis systems for discovery, heartbeat, trending, polling, alerts, configuration and logs

Local Intelligence

- Tag-based polling of parameters
- Supports execution of scheduled commands from remote server enabling occasionally connected model
- Supports intelligent actions and execution of stored commands at the edge based on local events and triggers
- Provides Local Services API for ease of interaction and integration with other systems within the network

Secure Environment

- HTTPS, encrypted SSL communication for data exchange with server
- HTTPS communication with the HTTPS enabled devices
- Authentication of server
- Firewall-friendly communication with server

Ready to Deploy

- Predefined device classes
- Easy addition of new device classes¹

Scalable & Reliable

- Highly scalable architecture that can manage over 1,000 devices per instance
- Supports dynamic addition of new device connectivity protocols
- Supports addition of new device classes
- Supports addition of new monitoring parameters
- Supports data persistence for reliable processing

System Requirements

- For deployment environment and configuration, please contact Thinxstream Support
- For other pre-requisite software, please refer technical documentation or contact Thinxstream Support

¹ Requires Thinxstream Professional Services

² Based on Thinxstream license

For further information on DeviceMaestro Smart please visit:

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