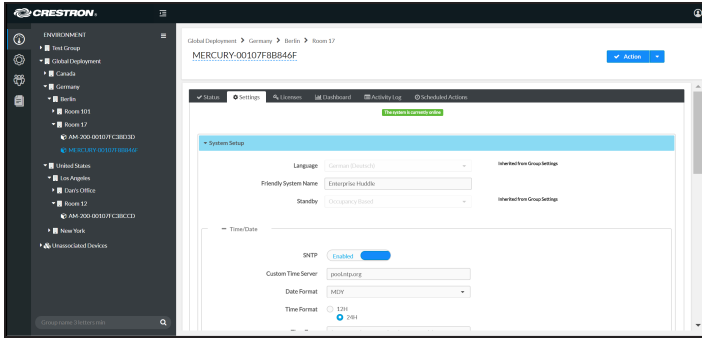


## XiO Cloud® Provisioning and Management Service, REST API License



- Supports a direct device-to-cloud connection via the Microsoft® Azure® software IoT Hub without requiring any additional hardware
- Provides access to the XiO Cloud® REST API for the rooms in an account
- Integrate status information into other monitoring tools via the REST API interface

The XiO Cloud® service is an IoT (Internet of Things) based platform for remotely provisioning, monitoring, and managing Crestron® devices and supported third-party devices across an enterprise or an entire client base. Built on the Microsoft® Azure® software platform and utilizing Microsoft's industry-leading Azure IoT Hub technology, XiO Cloud enables installers and IT managers to deploy and manage thousands of devices in the time it previously took to manage just one. Unlike other virtual machine-based cloud solutions, Azure services provide unlimited scalability to suit the ever-growing needs of an enterprise.

XiO Cloud supports a direct device-to-cloud connection via the Azure IoT Hub without requiring any additional hardware. The service allows for direct integration with Crestron's global manufacturing and logistics network, allowing devices to be configured before they are shipped to the installation site.

Where other cloud management solutions are focused on a narrow set of devices and functions, XiO Cloud brings the efficiency of cloud management to dozens of device models—ranging from configured UC solutions to custom-programmed control systems—all in a single interface. Support for new devices is made available via firmware updates.

### Licensing

The room-based licensing model is similar to a traditional hardware purchase model: purchase a specified number of room licenses, and the XiO Cloud service will run the number of rooms purchased. All room-based licenses are billed monthly.

- To start with room-based licensing, purchase one [SW-XIOC-EM](#) Endpoint Management license for each room in the account. The Endpoint Management license provides management and configuration functionality for all devices in a single room, including configuring supported third-party devices within the XiO Cloud environment.
- Additional licenses can be purchased to enable extra licensed functionality for the account:
  - The [SW-XIOC-S](#) Support license provides support and monitoring functionality for all devices in a single room, including supported third-party device monitoring within the XiO Cloud environment.
  - The [SW-XIOC-API](#) REST API license provides access to the XiO Cloud REST API for rooms within an account. A REST API license must be purchased for each room in the account to use this functionality.
- All purchased room-based licenses are added to a customer's license pool and can be added to, removed from, or transferred between rooms directly from the configuration user interface.

**NOTE:** As of the July 2020 release of XiO Cloud, all new accounts must use the room-based licensing model. Existing XiO Cloud accounts may continue to use device-based licenses ([SW-XIOC-S](#) and [SW-XIOC-P](#) series) or can be switched over to room-based licenses at any time.

## Specifications

### Cloud-Based Service

#### No Special Ports or Permissions Required

XiO Cloud requires no special ports or permissions to deploy on an enterprise network.

#### Real-Time Communication

XiO Cloud is able to communicate with devices in real time in both directions.

#### Global Service with Local Redundancy

XiO Cloud is a worldwide service that is available globally but with local performance and redundancy.

#### Multitenant Hyperscale Cloud

XiO Cloud is a multitenant hyperscale cloud, which allows an enterprise to deploy thousands of devices within minutes from any location at any time.

### Monitoring

#### Status API

Status information is available via a REST API so that it can be integrated into other monitoring tools.

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### Cloud User Interface

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#### Display Key Account Information to User

Users can view key account information, including expiration, device count, and licensed functionality, at any time.

#### New Feature Notification

A pop-up message window tells users about new features that have been added to the service with each release.

## Model

### SW-XIOC-API

XiO Cloud® Provisioning and Management Service,  
REST API License for one room

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/How-To-Buy/Find-a-Representative](http://www.crestron.com/How-To-Buy/Find-a-Representative) or by calling 855-263-8754.

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