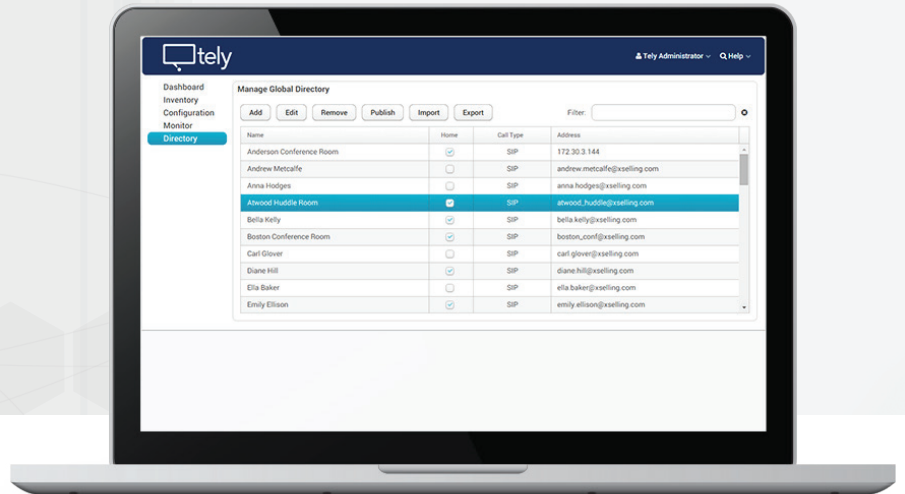




Tely Portal



OVERVIEW

Tely Portal enables centralized cloud-based management over each Tely* endpoint. With the intuitive browser base interface, you can remotely configure, update, troubleshoot and report performance metrics.

Highlights

- Unified view and control of Tely endpoints through a single management console
- No need for costly training or added staff
- Updates delivered from the cloud
- Streamlines large endpoint deployments
- Configure and update endpoint settings
- View technical call information in real time
- Directory management for creation and delivery of a global contact directory

*Tely HD is not supported.

CLOUD MANAGED ENDPOINTS

Tely endpoints are designed for remote management. Supported through an extensive library of API methods, Tely Portal provides remote configuration, real time call monitoring and directory management through a secure browser based interface.

Tely endpoints can be deployed quickly and easily through a simple guided setup process to connect to the centralized management service in the cloud. Getting started is as easy as connecting to power, a display and a network.

Cloud-based management provides features, security and scalability for deployments of any size. Tely Portal scales from small sites to global companies with offices all over the world. With centralized provisioning, it is easy to add new endpoints and quickly update directories everywhere.

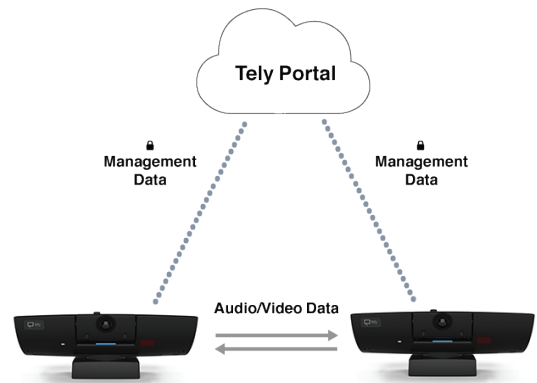
CLOUD MANAGEMENT ARCHITECTURE

Every Tely endpoint connects over the Internet to the Tely Portal management center where an administrator can centrally manage company accounts and inventory. Every connection utilizes SSL, ensuring your device access and data remains secure.



Management through Tely Portal is independent from video conferencing connections and video conferencing data is not routed through Tely Portal. This ensures optimum video quality, performance and uninterrupted video conferencing capability with no dependency on Tely Portal.

Tely Portal is designed to effectively load balance thousands of connections from both Tely endpoints and administrative web management sessions. Using a redundant deployment, individual server components can be taken offline or even fail and the system will redirect traffic as needed. Service notifications and health checks are available through an external website, providing up-to-date status information and maintenance notices 24/7.



POWERFUL INSIGHT AND TROUBLESHOOTING TOOLS

Tely Portal provides endpoint status in both a dashboard and inventory display with quick filtering and sorting options. A status indication for every endpoint shows when hosting active calls or being offline.

Name	Version	Status
Pairing key - 4MMJBE	Multi-Use	Unlimited Activations
Diamond Conference Room	5.0.0-2451	Up - In Call
Emerald Conference Room	5.0.0-2451	Down
Los Angeles Conference Room	5.0.0-2431	Up
New York Conference Room	5.0.0-2412	Up

A dedicated monitoring page allows administrators to analyze call activity with detailed call statistics available in real time for in-depth analysis and troubleshooting.

Dashboard Inventory Configuration Monitor Directory		Monitoring - Active Calls			
		End Call Details			
Tely Endpoint	Remote	Start Time	Duration	Type	
Diamond Conference Room	Sapphire Conference Room	10:19 PM Aug 27 GMT	3m 33s	SIP	
Sapphire Conference Room	172.30.4.20	10:19 PM Aug 27 GMT	3m 34s	SIP	

CLOUD BASED ADMINISTRATION

Managing your endpoints through Tely Portal separates administrative control from video conferencing data. Management data (e.g. configuration, statistics, monitoring, etc.) flows from Tely endpoints to Tely Portal over a secure internet connection. Video conferencing data (signaling, audio and video) does not flow through Tely Portal. Network and routing decisions for video conferencing are fully under the control and security of your organization.

What happens if an endpoint loses connectivity to Tely Portal?

Because video conferencing signaling and data is not managed by Tely Portal, your Tely endpoints can continue to provide full video conferencing and data sharing functionality even if Tely Portal is not available.

What happens if Tely Portal is unavailable?

- Remote configuration and management is unavailable
- Local configuration is still supported with optional PIN access required for settings
- All video conferencing and data sharing functionality is available for endpoints on active networks

TELY PORTAL DATACENTER DESIGN

Tely Portal cloud-based management service uses the trusted and scalable architecture of Amazon Web Services. It runs with Amazon's proven solution in a redundant load balancing environment with multiple servers supported by daily data backups that can be replicated and restored in the event of a datacenter failure.

Redundancy

- Multiple load balancers
- Multiple web hosting services
- Automatic data backups

Availability Monitoring

- 24/7 automated failure detection
- Rapid escalation across multiple operation teams
- Independent outage alert system

Disaster Recovery

- Rapid failover to hot spare in event of hardware failure or natural disaster
- Architecture preserves endpoint functionality, even if connectivity to Tely Portal cloud services is interrupted

Out-of-Band Architecture

- Only temporary configuration and use information is stored in the cloud
- Endpoint video conferencing signaling and data is not routed through the datacenter
- All sensitive data (e.g., passwords) stored in encrypted format