

BroadWorks® Device Management

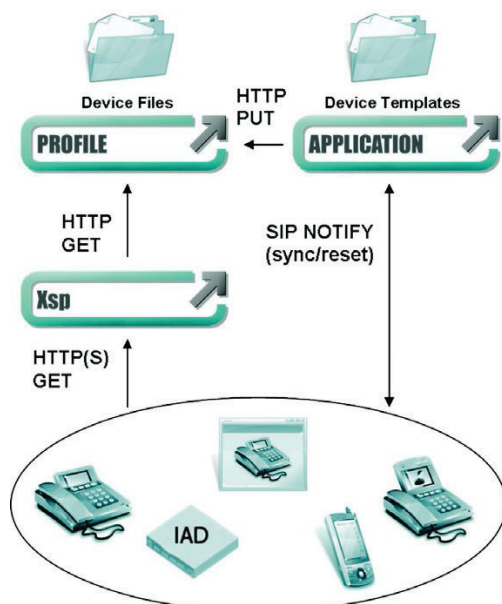
BroadWorks provides a complete device management solution for integrating, deploying and managing access devices. Supported access devices include analog terminal adapters (ATAs), IP phones, integrated access devices (IADs) and IP PBX equipment or any access device that uses XML/HTTP for profile management.

Access devices connect to BroadWorks to download the configuration profiles, firmware and other file resources required to deliver services. Service providers can manage and control all aspects of device configuration centrally in the network.

Network Architecture

The device management functionality is fully integrated into the BroadWorks platform. The Xtended Services Platform (XSP) hosts the access URL and authenticates all requests made by the device. Once authenticated, the XSP will request the device-specific configuration file from the Profile server and download it to the device over HTTP(S).

The BroadWorks Application server supports ongoing device management by generating notifications to trigger the end device to synchronize its settings and provide inventory control of devices in the field.



Key Features

- **Simple Device Setup** – Deployment at customer site only requires inputting the XSP Address, username and password.
- **One Provisioning Interface** – All end-user service and device provisioning is performed through the same BroadWorks OCI interface – simplifying integration with back office provisioning systems.
- **Service Integration** – BroadWorks services can be easily integrated with the advanced capabilities of each phone. Features like busy lamp field, shared call appearances and feature access codes can be easily configured on phone keys.
- **Predefined Device Types** – Templates are provided for popular phone models from BroadSoft Partners such as, Polycom, Panasonic, AudioCodes, Yealink, SNOM and Grandstream.
- **Highly Extensible** – Operators can introduce their own device types and define their own device template configurations to meet their service offering requirements.
- **Inventory Management** – Use BroadWorks to track devices in the field and remove devices no longer in use.
- **Secure Transport and Authentication** – Option to use encryption - HTTP over SSL transports and MD-5 Digest based authentication. Third party authentication solutions are also supported.
- **Phone Services** – A framework for integrating with vendor-specific phone features. Current release includes support for Polycom contact directory synchronization, allowing end-users to control which BroadWorks contacts are available on their Polycom phone.

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Service Provider Benefits

- Reduce costs – BroadWorks provides all the components for a complete device management solution.
- Simplify deployments – Devices can be shipped without having to be pre-configured, and end-users can set up their own phones.
- Deploy a future-proof platform – BroadWorks offers an architecture with multi-purpose network elements, positioning the service provider for long term innovation.

Summary

BroadWorks provides an industry-leading device management solution that allows service providers to address the most difficult challenge in deploying a VoIP network – simple provisioning of the end devices.

When coupled with the BroadWorks Element Management System, BroadSoft® provides an end-to-end solution for managing, configuring and monitoring the network.

Contact BroadSoft today to learn more about how to reduce costs and build revenue with BroadWorks Device Management.