Xirrus Mobilize

Automated Cloud-Based Zero-Touch Provisioning Service for Xirrus Networks

Overview

Xirrus Mobilize is an automated, cloud-based provisioning service for Xirrus networks. It greatly simplifies and expedites the deployment and turn up of new equipment via a zero-touch process that is as easy as plugging the new Xirrus Array or AP into the IP network.

Xirrus Mobilize helps reduce the burden on IT personnel as they deploy and expand their networks by greatly simplifying and expediting the process, whether at the headquarters or at the remote office locations.

Highlights

- Available at no charge with every Xirrus Array/AP
- Functions with or without the Xirrus Management System
- No IT expertise required for remote branch deployment
- Cloud-based zero-touch provisioning
- Reduces total cost of ownership

Key Features and Benefits

Automated License Activation

Xirrus Mobilize integrates with sales and supply chain systems to deliver a fully automated license management and activation process, eliminating the burden on IT to keep track of every license purchased to deploy a network.

Cloud-Based Zero-Touch Provisioning

Through the Mobilize console, basic configuration like SSIDs, SNMP settings and admin user groups can be configured and automatically pushed to new Arrays/APs as they interact with Mobilize. Xirrus Mobilize will also check for software version on the devices as they come online and upgrades to the latest version if needed.

Simplify Large Deployments

The Mobilize console makes it simple to roll out large-scale deployments by defining "networks" of Arrays/APs that have similar configurations. You can define a network, add devices to that network and apply a configuration template. This simplifies deploying devices in remote locations like branch offices with no IT support.

Expanded Functionality with XMS

Xirrus Mobilize can operate independent of the Xirrus Management System (XMS). The automated license activation, software upgrades, and zero-touch provisioning can be done directly from the Mobilize console without XMS. For customers with on-premise or cloud-based XMS, Mobilize will enroll new Arrays/APs with the XMS and the devices can be immediately managed.

How it Works
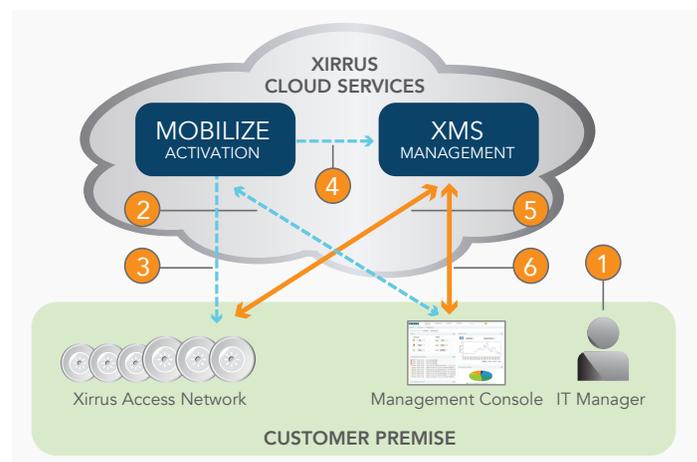
Zero-touch provisioning process with Mobilize and XMS

1. Factory Pre-Configuration

When a customer places an order for Xirrus Arrays/APs, the customer information is passed on from sales systems to supply chain systems where the appropriate license keys are generated and associated with the devices. This information is loaded into Mobilize and the factory configured Arrays/APs are shipped to the customers.
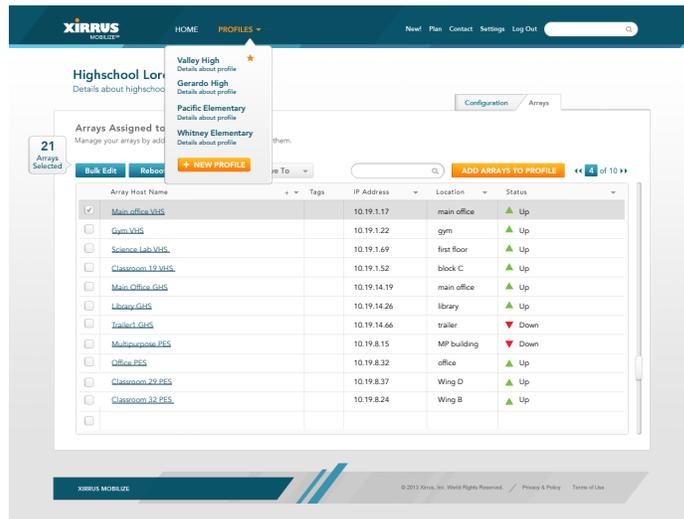
2. Configuring Mobilize

Before the new equipment is installed, the IT administrator can log into the Mobilize console and pre-configure the Arrays/APs using configuration templates. This eliminates the need to touch each device individually before they are shipped to their final destination.

3. On-Premise Installation

Once the Arrays/APs arrive at the destination, non-IT personnel can simply plug in the device's Ethernet connection to a network with Internet connectivity. Out-of-the-box, the Arrays/APs are set to automatically locate the Mobilize cloud service. The service validates entitlement then automatically deploys the unit's license. Mobilize will check software version and upgrades it if required. The Mobilize service then pushes an initial configuration and brings the device online.

XIRRUS®

High Performance Wireless Networks
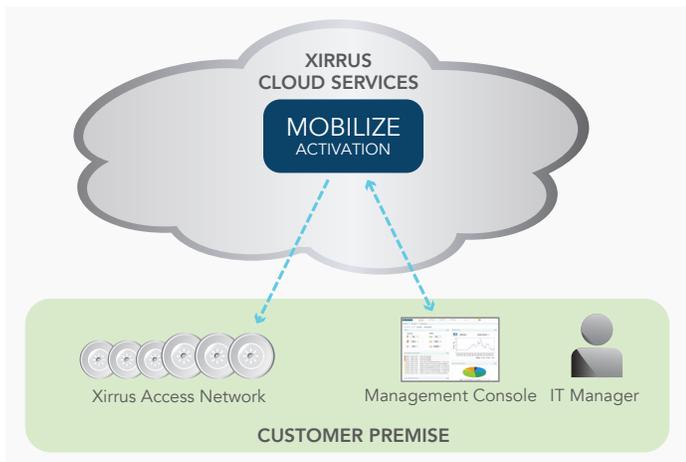
Zero-touch provisioning process with Mobilize

Mobilize console

4. Device Enrollment with XMS

Mobilize works as a front end to XMS by automatically discovering the Arrays/APs and providing initial configuration, and then enrolling the devices into the management system.

5. Advanced Configuration with XMS

The IT administrator can then locate the new devices in the XMS console and push advanced configurations like application filters and QoS.

6. Centralized Management and Monitoring

From the XMS console, the IT administrator can begin managing and monitoring the newly installed wired and wireless devices as part of the entire network.

Support & Maintenance

Xirrus is committed to the success of our customers and provides warranties and support options to best fit your needs. For further information on the Xirrus hardware warranties, software support and premium support offerings visit:
http://www.xirrus.com/support/

About Xirrus

To organizations who depend on wireless access to transform their business, Xirrus is the wireless network solution provider that provides the world's most powerful, scalable, and trusted solutions. Through product invention and system design, commitment to customer success, and the industry's best price performance, Xirrus gives you confidence that your wireless network performs under even the most demanding circumstances. Xirrus is a privately held company headquartered in Thousand Oaks, CA.

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