

Activator & Monitor Router Provisioning & Management



- Reduced cost of sending installation engineers to site
- Easy router installations
- Automated deployment
- No end-user action required
- Real-time diagnostics
- Full scheduler for bulk updates
- Simple integration with your existing systems

Overview

Activator is a telco-grade, automated provisioning and monitoring system designed to simplify the logistic issues associated with deploying and managing thousands of routers.

Activator can be a cloud-based or a privately installed server.

Monitor is a secure portal built in to Activator that provides your support team with access to router availability, real-time diagnostics, and dashboard reporting. Routers that are created as devices on Activator are automatically created on Monitor. Together, Activator and Monitor provide a highly scalable management solution that grows with your service.

Features

Activator offers a comprehensive solution for managing a large estate of routers covering the following elements:

- Import facility: easy to import router configuration files
- Router template design
- Bulk import facility: ability to import large numbers of router configuration files using CSV/XML or API web services.
- User groups
- Browser-based access
- Advanced scheduler

Deployment - How it Works

It is simple to get customer information into Activator for deployment of thousands of routers by importing files using CSV or XML format or through a web services API. These files are populated with site specific information from the customer database. The process is quick and easy and can be incorporated into any backend system.

When all the devices have been created, routers are ready to be shipped to your end-customer site.

When installed and powered up, the routers call home to Activator. They present their serial number and download their configuration file and then reboot. Once they have rebooted, the router is live on Activator's monitoring system.

Bulk Software & Configuration Updates

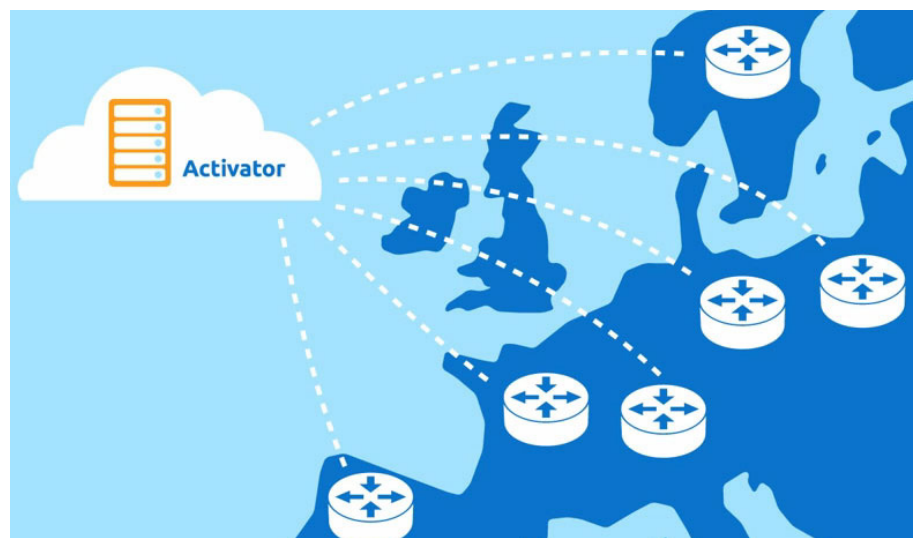
Managing networks of devices has traditionally been a complex and time consuming activity. Activator's Active Updates feature allows you to update configurations to a device or many devices on a network at a touch of a button. You can update all remote routers simultaneously. Active Updates supports software updates and bulk operations such as changing network-wide settings to selected groups of routers or the entire network.

Job Queue Work Flows

Activator's job queue work flow means you can schedule updates to occur immediately or at a specified time of day during a week. You can also monitor live updates status, configure re-try behaviour and access on-demand reporting.

Simple Integration with Your Existing Systems

You can integrate Activator with your existing Operational Support System (OSS). OSS integrator can be used to create device by importing files in CSV or XML format or a web services API. The imported file can create a single device or many thousands of devices providing an easy solution for the building of router configuration files.



Activator & Monitor Servers

Hardware & Software Requirements

Activator & Monitor Hardware Requirements			
	Minimal Evaluation System Requirements	Recommended Requirements	
Processor	2GHz	3GHz or faster	
Memory	6GB	Minimum 6GB (this allows for 2K devices) up to 10,000 devices: 8GB RAM* up to 20,000 devices: 10GB RAM* up to 30,000 devices: 12GB RAM* *from version 7.01.20 onwards	
Storage	200GB (no RAID) 7600RPM or better	All disks minimum 6Gb/s	
		Operating system disk	1 x 50GB
		Application disk	1 x 50GB
		Database log disk	2 x 200GB RAID 1
		Database data disk	4 x 250GB RAID 5
Integrated Network Card 1	Standard 10/100/1000 Mbps Base T or equivalent	Standard 10/100/1000 Mbps Base T or equivalent	
Integrated Network Card 2	Not required	Standard 10/100/1000 Mbps Base T or equivalent	
Power Supply	No special requirements	2 power supplies (for redundancy)	

Activator & Monitor Software Requirements			
Component	Description	Software Version	License Requirements
Operating System	Windows Server 2016 64bit* (English version only)	Windows Server 2016 64bit* (English version only)	1 server license for Windows Server
Database Software	Microsoft® SQL Server Standard or Enterprise Edition (English version only)	SQL Server 2012/2014/2016	1 processor license
Application Support Software	.NET Framework 4	4.5	None
*Windows Server Web Edition cannot be used			

Products for Activator								
Article No.	Model	Power Input Voltage	Isolated Power Input	Ethernet Ports	Serial Ports	SCADA	RTU	POE
3490-0000	GW1042W-QFR	9-36V DC	Yes	2	-	-	-	-
3490-0100	GW2024PW-4 18-72VDC-QFR	18-72V DC	Yes	4	2	Yes	Yes	-
3490-0200	GW2028-QFR	18-72V DC	Yes	4	2	Yes	Yes	
3490-0210	GW2028W-25FP-QFR	18-72V DC	Yes	4	2	Yes	Yes	
3490-0300	GW2304W-12-WF-2DI2DO-PE4-QFR	21-57DC	Yes	4	2	Yes	Yes	4