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Avaya Ethernet Routing Switch Quick Set-Up for Avaya IP Office

Automated script makes Avaya IP Office set-up a snap

The Avaya Ethernet Routing Switch (ERS) quick set-up script is designed to simplify installation of your Avaya IP Office system. Unique to the Avaya ERS family, it automatically configures your Ethernet switch for IP Office, taking a task requiring hours and reducing it to minutes – or less. In doing so, it eliminates the need for on-site networking expertise while ensuring reliable connection of your Avaya IP Office system and phones.

Highlights

- Automatically configures Avaya ERS ports for connection of Avaya IP Office and associated IP Phones
- Employs Avaya best practices to ensure reliable operation of voice and data traffic over the network
- Reduces switch set-up time from hours to minutes (or less)
- Eliminates the need for on-site data expertise when installing IP Office
- Single command sets-up VLAN IDs, IP addresses, default routes and QoS settings across all switch ports
- Available today on the Avaya ERS 3500 family

Automated ERS Set-up for IP Office

Are you worried about how to connect your new Avaya IP Office system to the network? Avaya's ERS quick set-up script automates the entire process of configuring the ERS switch for your IP Office system and associated IP phones. It not only simplifies network set-up of your IP Office system, but also employs Avaya best practices to ensure reliable operation of your IP Office system over the network, once completed.

Using built-in Avaya ERS system functionality, it automatically sets up voice and data VLANs, appropriate IP

addresses, as well as QoS policies on the switch. This means that IP Office and IP Phones can be connected to the switch immediately, out-of-the box. Because the process is automated, switch set-up errors are eliminated and consistent set-up across multiple switches can be ensured — especially valuable for larger IP Office installations or for deployments across multiple sites.

Single Command Performs Multiple Operations

Supported today on Avaya ERS 3500 PoE+ models,¹ IP Office quick set-up is executed as a single command ("run ipoffice") on the ERS switch. When executed, the command does the following:

- Automatically sets-up separate Virtual LANs (VLANs) for voice and data traffic
- Sets management IP address and default route on the ERS switch
- Sets IP addresses for the Avaya IP Office call/file server
- Defines QoS and VLAN port settings for connected IP phones according to Avaya best practices

The "run ipoffice" command can run as a fully automated process using ERS system defaults — best for situations where there are no special settings needed for the IP Office system.

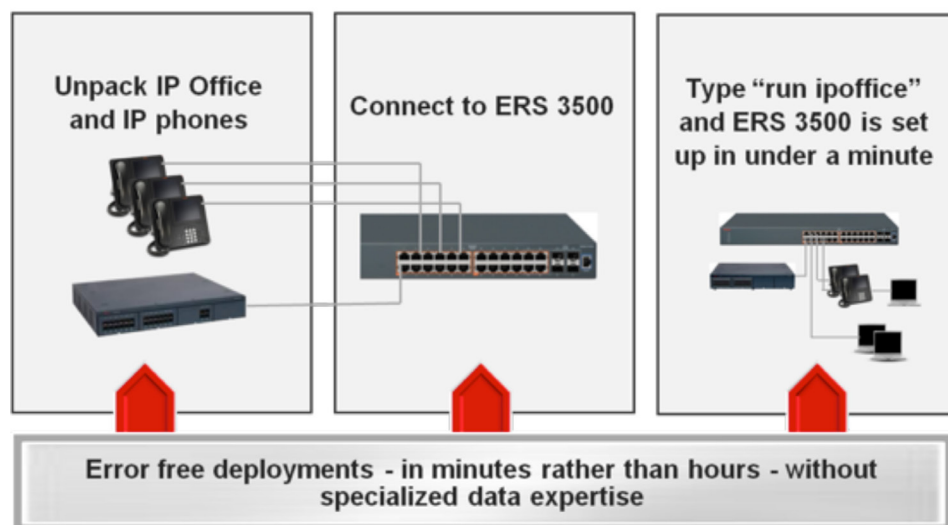


Figure 1: ERS Quick Set-up makes IP Office set-up easy

Alternatively, it can be run as a user-prompted (verbose) process to allow custom definition of user- or pre-defined IP Office settings (see Table 1 for a comparison). This allows flexibility across a variety of IP Office environments.

	ERS Quick Set-up (fully automated)	ERS Quick Set-up (user-prompted)	Manual Set-up
Configuration Process	Single command configures all switch ports with pre-defined defaults	User enters VLAN IDs, IP addresses and static route information; QoS policies are automatically defined	User must manually configure each switch port – generally with multiple parameters
Typical Use Case	When installing IP Office with default settings	When installing IP Office with custom settings	When installing IP Office on non-Avaya switches
Data Expertise required	None	Some	Extensive
Typical set-up time per switch	Less than a minute	1-2 minutes (maximum)	1 hour or more, especially if user lacks switch expertise

Table 1. ERS Quick Set-up for IP Office as Compared to Manual Switch Set-up

Summary

If you want to make your next Avaya IP Office network deployment as simple as 1, 2, 3, take a look at Avaya's ERS 3500. It's the only PoE switch that can turn Avaya IP Office set-up into a true "plug and play" operation.

1. ERS Quick set-up for IP Office is available with Avaya ERS 3500 v5.01 or later. Availability on the Avaya ERS 4000 and 5000 portfolios is planned for early calendar year 2013.

About Avaya

Avaya is a global provider of business collaboration and communications solutions, providing unified communications, contact centers, networking and related services to companies of all sizes around the world. For more information please visit www.avaya.com.