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Purpose

The Smart Wi-Fi Connectivity solution offered by "company name" consisting of world class …. Wi-Fi networks and smart integration of mobile and Wi-Fi networks delivers high capacity and makes Wi-Fi an integral part of mobile broadband experience.

The purpose of this document is to provide the information related to the Installation, Configuration, Monitoring and Troubleshooting of the …. Wi-Fi network elements in the Smart Wi-Fi solution. This document will be limited to providing the specific activity steps and the related …. guides to be referred. This guide also helps users to skip those Sections/ Sub-sections in the Installation and Configuration Documents which are not relevant to the Smart Wi-Fi solution.

1   Installation

1.1   Installation of Zone Director

XYZ solution in Release 1.0 uses ABC to configure and manage all the … Access Points in the Wi-Fi network. Zone Director serves as a central control system for …. Access Points (APs).

"Company name" Smart Wi-Fi solution uses Zone Director $$$$ model.

For installing the Zone Director, refer the Zone Director Quick Setup Guide (shipped with the Zone Director) that provides basic Installation instructions for setting up …. Wireless Zone Director and …. Access Point Network. Below table summarizes the Installation steps.

Installation Step	Document to refer	Section to refer	Sub-Section to skip
Getting to know the features	Zone Director User Guide [4]	1	Cover only for model 3000.
Preparing for Installation	Zone Director Quick Setup Guide	Refer topic "What you will need".	NA
Discovering the Zone Director	Zone Director Quick Setup Guide	Refer topic "Connect and Discover the Zone Director".	NA
Run Setup Wizard	Zone Director Quick Setup Guide	Refer topic "Work Through the Setup Wizard"	NA
Registering Access Points[1]	Zone Director Quick Setup Guide	Refer topics "Connect the ZoneFlex AP's to your Local Area Ethernet Network")	NA

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[1]This step is done after the Access point is installed. Refer to the Installation of Access point before this step.

1.2   Installation of Access Points

In Smart Wi-Fi Connectivity solution offered by "company name", the following Indoor and Outdoor Access Points are used.

1) Indoor Access Points - Model no.
2) Outdoor Access Points – Model no.

As Zone Director is used to configure and manage the Access Points in the Smart Wi-Fi Connectivity solution, sections which explain the steps for configuring Access Points for management by Flex Master or for Standalone Operation (using Access Point Web Interface) can be skipped in the Access Point Installation Guides.

Indoor Access Point Models 7363 / 7982

Below table summarizes the Installation steps that need to be performed for Installing the indoor Access Points Zone Flex model no.

Installation Step	Document to refer	Section to refer	Sub-Section to skip
Planning the Installation	ZoneFlex Indoor User Guide	1, 2	Cover only for models no.1 and no.2
Preconfigure and Verify Access point operation	ZoneFlex Indoor User Guide	2 (refer Step 1 and Step 2)	- "Configuring for Standalone Operation or for Management by FlexMaster" - "Checking the model Status (Flex Master Management Only)"
Installing the AP in the field	ZoneFlex Indoor User Guide	2 (refer Step 3)	NA
What to do Next	ZoneFlex Indoor User Guide	5	Refer to "Changing the Administrative Login Settings" in this section and skip all others.

Refer to ZoneFlex Indoor Access Point User Guide [1] in References.

Outdoor Access Point Model 7762

Below table summarizes the Installation steps that need to be performed for Installing model no. Access Points.

Installation Step	Document to refer	Section to refer	Sub-Section to skip
Planning the Installation	Zone Flex model no. Installation Guide	2, 3	NA
Preparing at the depot and Sending to the field	Zone Flex model no. Installation Guide	4, 5	- "Configuring the AP for Management by FlexMaster or for Standalone Operation" - "Checking the model Status (Flex Master Management Only)"
Installing the AP in the field	Zone Flex model no. Installation Guide	6, 7, 8	NA
What to do Next	Zone Flex model no. Installation Guide	10	NA

Refer to Installation guide [3] in References.

Outdoor Access Point Model no.

Below table summarizes the Installation steps that need to be performed for Installing model no. Access Points.

Installation Step	Document to refer	Section to refer	Sub-Section to skip
Planning the Installation	Zone Flex model no. Installation Guide	2	NA
Preparing at the depot and Sending to the field	Zone Flex model no. Installation Guide	3	- "Configuring the AP for Management by FlexMaster or for Standalone Operation" - "Checking the model Status (Flex Master Management Only)" - "Disconnecting the AP from the Administrative Computer" - "Restoring the Administrative Computer's Network Settings"
Installing the AP in the field	Zone Flex model no. Installation Guide	4	- "Checking the model Status (Flex Master Management Only)"
What to do Next	Zone Flex model no. Installation Guide	5	NA

Refer to Zone Flex Installation guide [2] in References.

1.2   Installation of Flex Master

Flex Master software is a network management system designed to facilitate the administration of ….
Wireless Access Points and Zone Director devices.

FlexMaster is packaged as software which is installed on an ABC server. FlexMaster
installation includes Web server and MySQL database components for communication with and tracking
…. Wireless devices.

Below table summarizes the Installation steps

Installation Step	Document to refer	Section to refer	Sub-Section to skip
Prepare ABC Server	FlexMaster User Guide	2 (Refer topics "Preparing Your Server for FlexMaster Installation" and "Editing the Server Hosts File")	NA
Installing the Software	FlexMaster User Guide	2 (Refer topic "Installing the FlexMaster Software")	NA
Post Installation	FlexMaster User Guide	2 (Refer topic "Notable Files in the FlexMaster Root Directory")	NA

Refer to FlexMaster User Guide [5] in References.

2   Configuration and Management

This Section provides instructions for configuring and managing Zone Director and ZoneFlex Access Points using the Zone Director Web interface. As mentioned earlier, Smart Wi-Fi solution doesn't support Configuration of Access Points either by FlexMaster or as a Standalone Operation (Using Access Point Web Interface).

Refer following Chapters in Zone Director User Guide [4] for detailed steps on configuring and Managing Zone Director and Access Points.

- ➢ Chapter 2   – Configuring System Settings[2]
- ➢ Chapter 3   – Configuring Security and other Services
- ➢ Chapter 4   – Managing a Wireless Local Area Network
- ➢ Chapter 5   – Managing Access Points
- ➢ Chapter 7   – Managing User Access
- ➢ Chapter 8   – Managing Guest Access
- ➢ Chapter 9   – Deploying a Smart Mesh Network
- ➢ Chapter 10 – Setting Administrator Preferences

3   Monitoring Your Wireless Network

This Section provides information on various monitoring options available in the Zone Director to monitor the Wi-Fi Network. It describes how customer can review Alarms, Events, User activities and how Network Coverage can be optimized.

Refer Chapter 6 "**Monitoring your Wireless Network**" in Zone Director User Guide [4] for detailed steps on monitoring Smart Wi-Fi Network.

4   Troubleshooting

This Section provides information on various troubleshooting methods available in Zone Director to address issues in the Smart Wi-Fi Network. It describes how to troubleshoot failed user logins, fixing problematic connections to WLAN, resolving poor network performance, Packet capture and analysis, etc.

Refer Chapter 11 "**Troubleshooting**" in Zone Director User Guide [4] for detailed steps on troubleshooting Smart Wi-Fi Network.

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[2] "Company name" does not recommend use of the built-in DHCP server functionality in Zone Director. This can only be used for limited testing.

5   Upgrading Zone Director and Zone Flex APs

This Section provides steps to perform the Upgrade of both Zone Director and Access Points. It also describes upgrade steps when Zone Director is operating in Smart Redundancy configuration.

Refer Section "**Upgrading Zone Director and Zone Flex APs**" under Chapter 10 in Zone Director User Guide [4] for detailed steps on performing network upgrade of Smart Wi-Fi Network.

6   Upgrading the License

This Section provides steps to upgrade the License when network expands, and a greater number of Access Points are to be managed by Zone Director. It also describes License upgrade steps when Zone Director is operating in Smart Redundancy configuration.

Refer Section "**Upgrading the License**" under Chapter 10 in Zone Director User Guide [4] for detailed steps on performing License upgrade.

7   References

1. Zone Flex Release
2. Zone Flex Access Point issue no.
3. Zone Flex Access Point issue no.
4. Zone Director User Guide
5. Flex Master Release User Guide

Go to Ruckus Wireless Web portal (website link), Select the network element (Zone Director/Indoor/Outdoor Access point/Flex Master) on the left side menu and click to view the related documents. Select the 'PDF' icon that appears on the right to open related Document.