

iKnos Corporate

INSTALLATION GUIDE



aruba

ARUBA On-prem
Integration Guide

iKnos Corporate by Foot Analytics

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CONTENTS

ARUBA ON-PREM Integration.....	2
Support Matrix.....	2
IAP Integration.....	3
Controller Integration.....	4
ALE Integration.....	5
Troubleshooting.....	6

ARUBA ON-PREM Integration

Three different methods are available when connecting Aruba data:

- IAP to Foot Analytics ALE
- Customer Controller to Foot Analytics ALE
- Customer ALE to Foot Analytics ALE

Support Matrix

Below you can find the supported products and firmware versions:

Product / Version	Supported
AOS 8.10 or greater	Yes
AOS 10.4 or greater	Yes
ALE 1.x	Yes
ALE 2.x	Yes

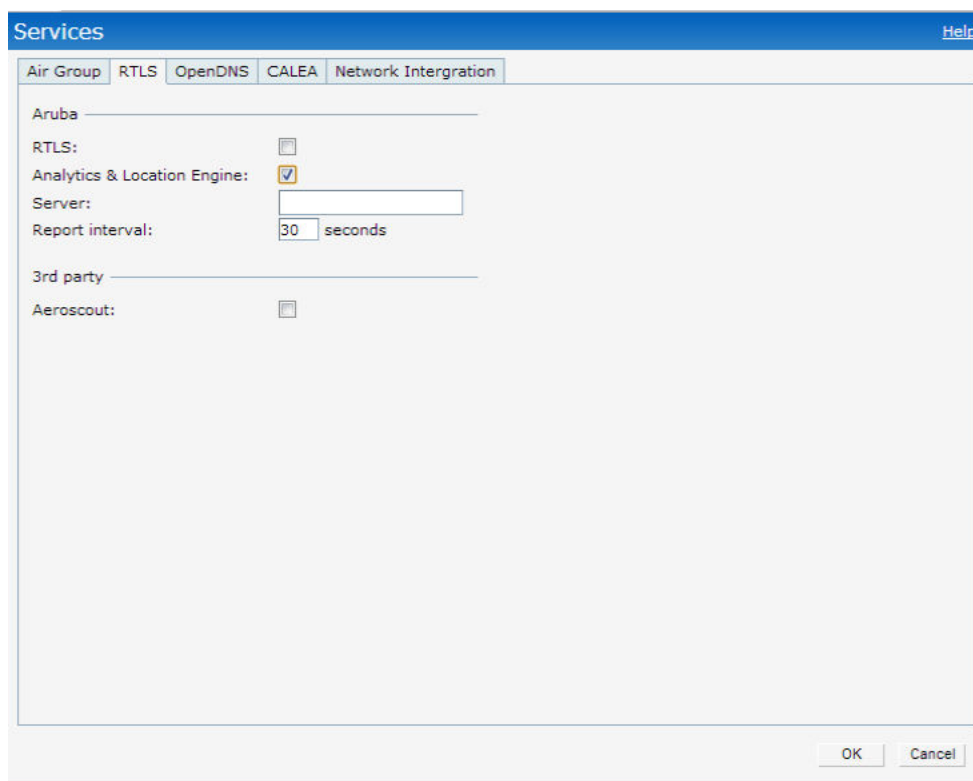
IAP Integration

IAP (Instant Access Points) can be connected directly to our ALE in two ways: using the CLI or Instant UI (recommended).

Connection data needed by the customer:

- Server: `ale.foot.bi`
- Port: `8855`

The UI / form might be like the following:



The screenshot shows a configuration window titled "Services" with a "Help" link in the top right corner. The window has several tabs: "Air Group", "RTLS", "OpenDNS", "CALEA", and "Network Intergration". The "Network Intergration" tab is selected. Under the "Aruba" section, there are four settings: "RTLS:" with an unchecked checkbox, "Analytics & Location Engine:" with a checked checkbox, "Server:" with an empty text input field, and "Report interval:" with a numeric input field containing "30" and the text "seconds". Under the "3rd party" section, there is one setting: "Aeroscout:" with an unchecked checkbox. At the bottom right of the window, there are "OK" and "Cancel" buttons.

Controller Integration

IAPs send the data to the customer controller, which forwards it to Foot Analytics' ALE.

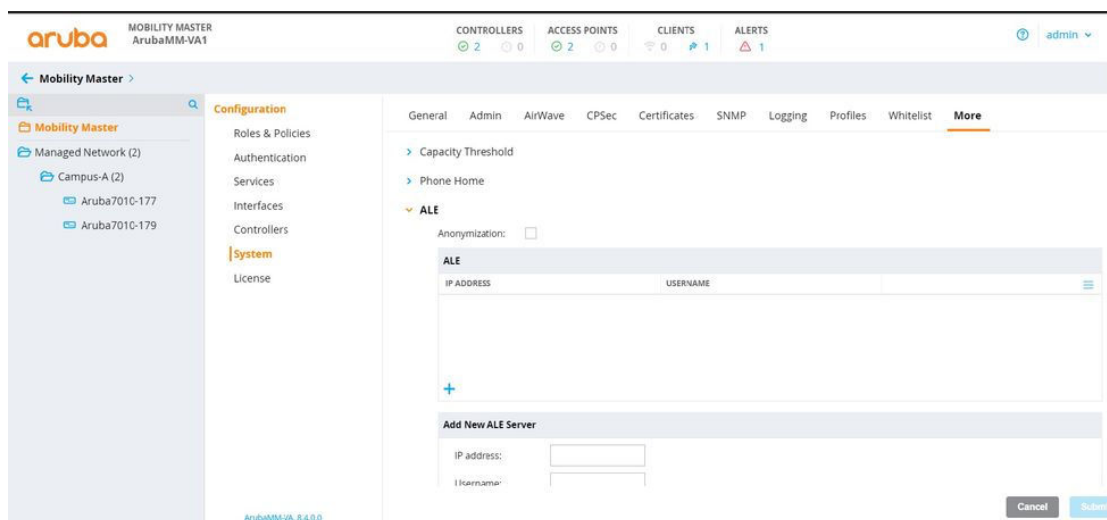
Connection data needed by the customer:

- User: To be defined with the customer
- Password: To be defined with the customer
- Server: `ale.foot.bi`
- Port: `8855`

Connection data needed by Foot Analytics:

- Customer controller IP address

The UI / form might be like the following:



ALE Integration

A WebSocket tunnel is established between two ALEs.

The customer's ALE acts as a WebSocket client, and Foot Analytics' ALE acts as a WebSocket server which receives the customer data.

The customer must configure their ALE server by applying the following configuration:

ALE > Options > Websocket Tunnel

The UI / form it's like the following:

The screenshot shows a web interface for configuring an ALE. On the left is a navigation menu with categories: Monitoring, Configuration, Mode, Source, Options (highlighted in orange), Admin, and Maintenance. The main content area is titled 'General' and contains several dropdown menus: 'NTP Server', 'WebSocket Tunnel', and 'Local End-Points'. Below these are two tables for defining endpoints. The 'Local End-Points' table has columns 'LOCAL ENDPOINT' and 'PORT #'. The 'Remote End-Points' table has columns 'REMOTE ENDPOINT URL' and 'PORT #'. Both tables have a '+' icon to add new entries. At the bottom, there are three checkboxes: 'No SSL', 'Trust Invalid SSL Certificate', and 'Enable 2-way Authentication'.

Then the following configuration must be added:

1. Add a local endpoint with the following parameters:
 - Host: localhost
 - Port: 7778
2. Add a remote endpoint with the following parameters:
 - Server: ale.foot.bi
 - Port: 443

Troubleshooting

For troubleshooting Aruba ALE Issues you can check the [Aruba ALE Troubleshooting Guide](#).

For further support, do not hesitate to contact us at help@footanalytics.com.