

R E A C H

The word "REACH" is displayed in a white, spaced-out, sans-serif font. The letter "A" is replaced by a red outline of the letter. A solid red horizontal line runs beneath the letters "R", "E", "C", and "H", and also forms the base of the red "A".

U S E R M A N U A L

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Introduction

Meyertech's NEW ONVIF conformant mobile client app for Android, Fusion-Reach extends the capability of your control room by giving you the ability to view and control cameras connected to a Fusion VMS from anywhere there is Wi-Fi, 3G or 4G coverage.

Not only can you view footage and control the cameras with built in PTZ functionality, but also access additional features such as auxiliaries e.g. turning on or off lights. The app is compatible with all V4 and above android phones and tablet devices and can be displayed in both portrait and landscape modes. The app has been designed to be simplistic, so it's intuitive and easy to use from the start. Cameras are clearly labelled and identifiable, so anyone can understand how to use the app.

Fusion Reach is the perfect CCTV utility, convenient and cost effective it allows you to proactively refer to your portable tablet whilst roaming public space, going beyond the capabilities of the control room.

Our app transforms your android device into a handheld control room allowing you to proactively manage cameras from your portable tablet whilst roaming public space, taking you beyond the current capabilities of your control room.

Prerequisites

Fusion Reach is compatible with all V4.0 and above Android devices. Supported Android Versions:

- Ice Cream Sandwich 4.0 – 4.0.4
- Jelly Bean 4.1 – 4.3.1
- KitKat 4.4 – 4.4.4
- Lollipop 5.0 – 5.1.1

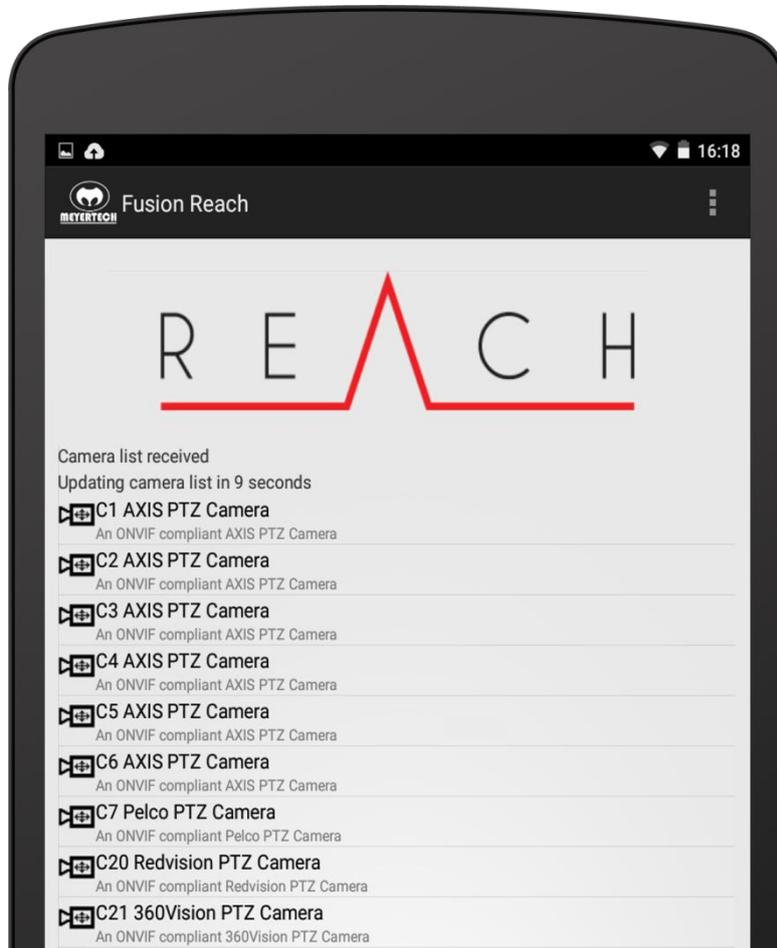
Installation

Fusion Reach is available for download on the Google Play Store. Simply search for Fusion Reach or Meyertech, install the App and start using the Android VMS.

Or follow the below link to the Google Play Store web page:

https://play.google.com/store/apps/details?id=uk.co.meyertech.fusionreach&hl=en_GB

Fusion Reach User Interface

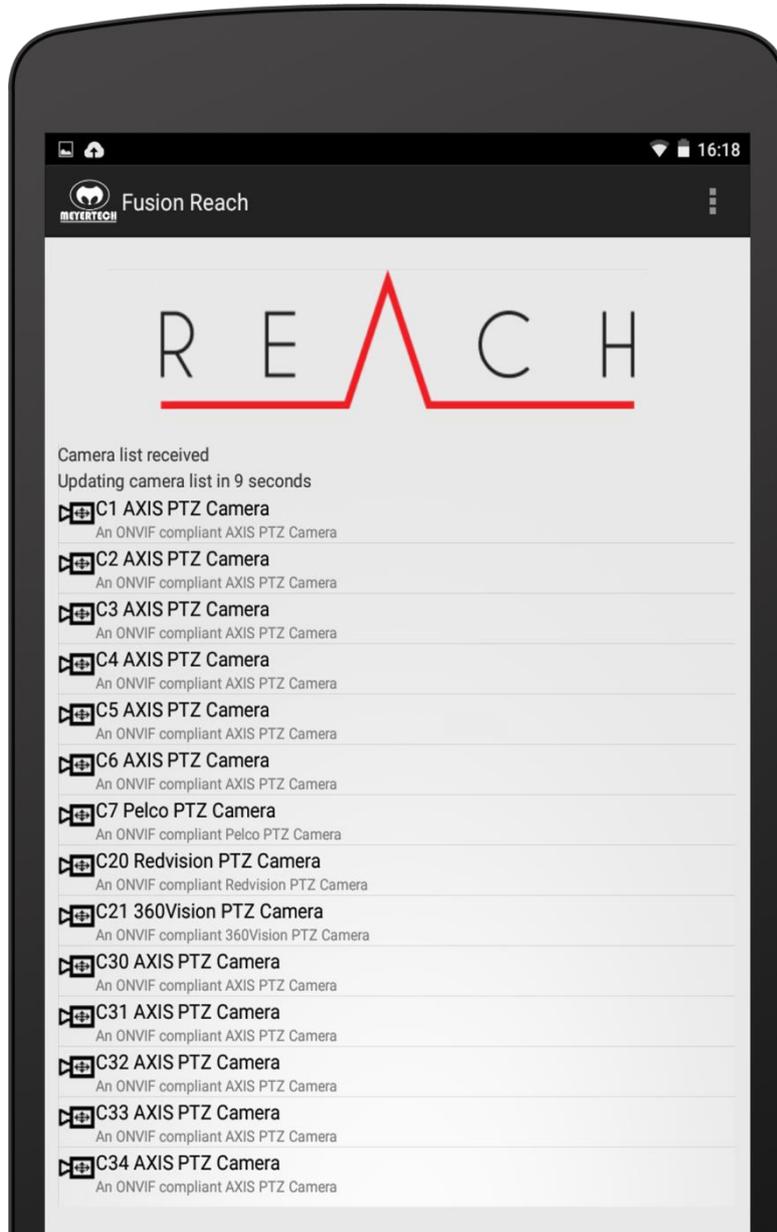


Preference tab: Allows application setup and configuration, see page 10.

About: This displays the current application version installed.

Camera List

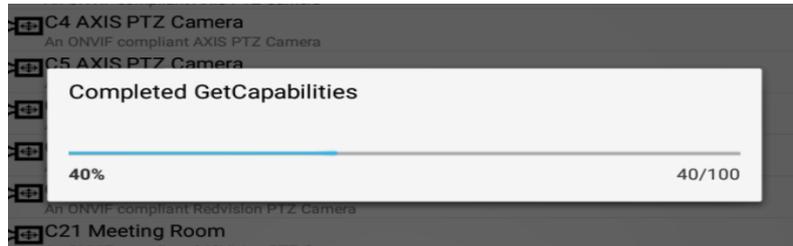
The Fusion Reach main page lists the current cameras that are available in your Fusion Eclipse VMS. Only cameras assigned to the Mobile User Group will be displayed in the Fusion Reach application.



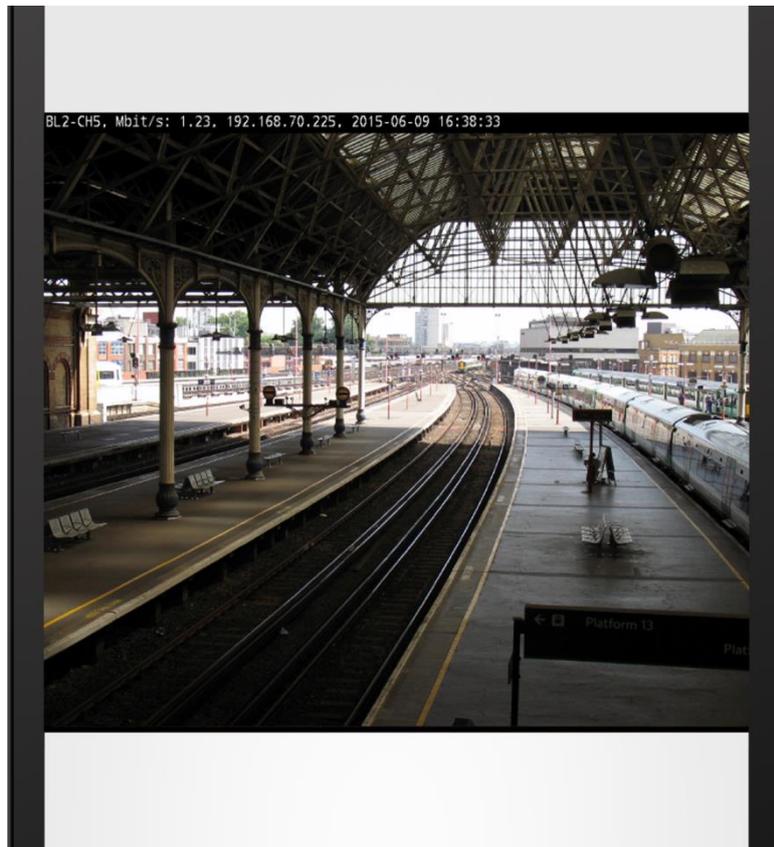
NOTE: For setup of your Fusion ECLIPSE VMS please contact your Systems Integrator.

Camera Selection & View

To view live video, select the required camera from the list. Once the camera is selected, Fusion Reach connects to the Onvif camera and loads all of its capabilities displayed in the progress bar.



Once completed, a new page will open with a live video window for the chosen camera.

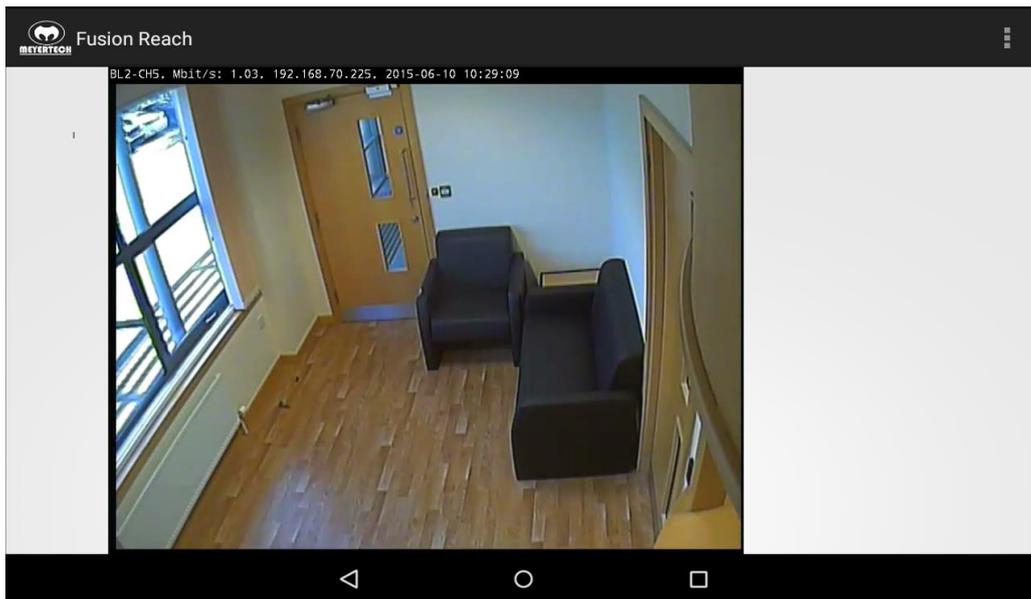


Fusion Reach will always display the lowest resolution profile enabled on the particular ONVIF device. This is due to Android device limitations with WIFI & 3G/4G network properties. Higher resolution profiles are intended for the Fusion Eclipse system.

Video Window Rotation

The video window can be flipped into a Portrait view by rotating your Android device 90 degrees clockwise or counter clockwise.

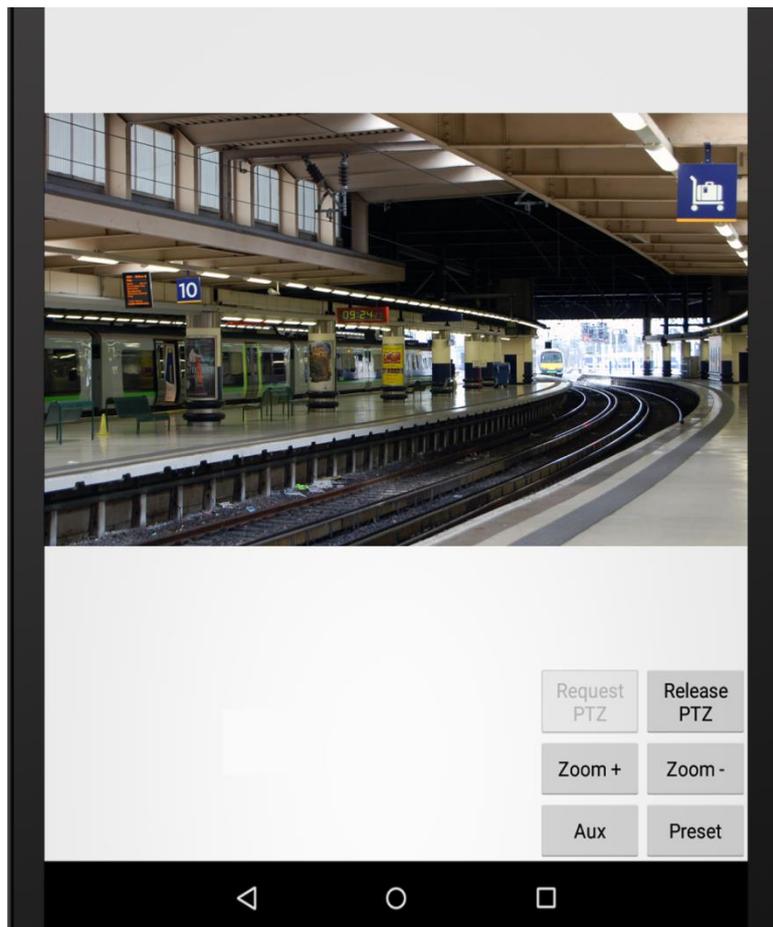
NOTE: The Android device Screen Rotation setting needs to be turned on for this feature to work.



Camera Control

You can control any PTZ camera in Fusion Reach. All PTZ devices will be displayed with the below camera icon in the camera list.

To control a PTZ Camera you must first select the desired camera from the list. If the camera is PTZ enabled then below options will be displayed next to the live video window.



To enter PTZ mode select 'Request PTZ'. As long as no other user on the system has control of the camera then you will be able to Pan, Tilt, Zoom, Select Presets & use Auxiliary features.

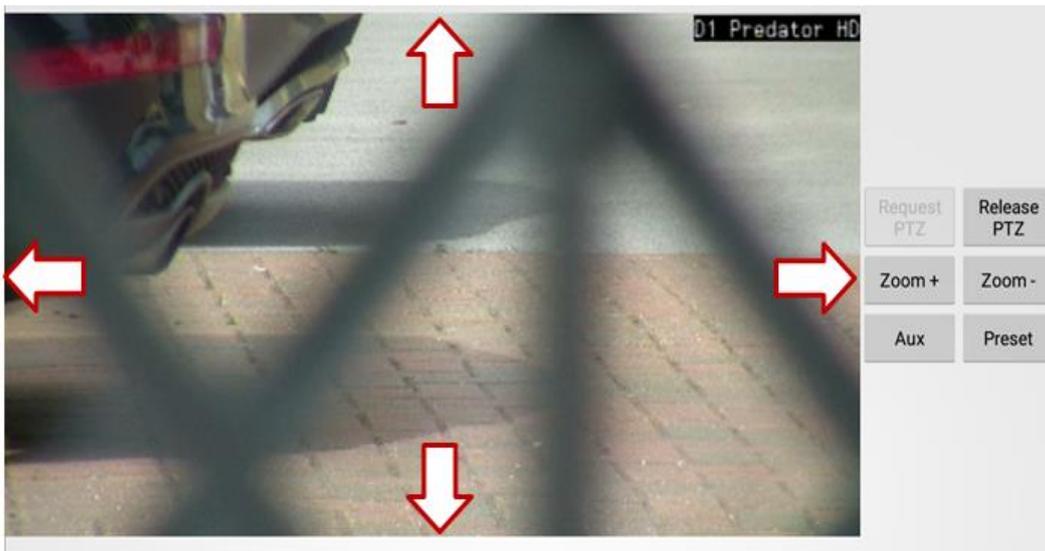
NOTE: If these options are not available then either the Onvif device does not support PTZ or the device has not been configured correctly in the Fusion Eclipse System Model. Please contact your Systems Integrator.

PTZ Control

Controlling the PTZ is simple:

Option 1 - Drag your finger in the direction you would like to move the camera.

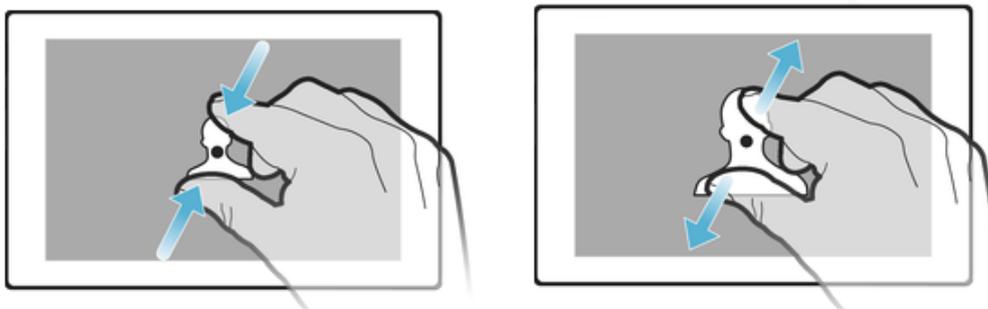
Option 2 - Camera control can also be operated by pressing the Top / Bottom / Left / Right edges of the video window.



Zoom In / Out control is also operated in two possible ways:

Option 1 - You can select from the Zoom + & Zoom - options next to the video window.

Option 2 - Alternatively you can use the pinch and spread method on the video window to Zoom In & Zoom Out.



Auxiliaries & Presets

Auxiliaries and Presets can be accessed in Fusion Reach.

Step 1: Select the Aux or Preset buttons displayed below:



Step 2: Select the desired Auxiliary or Presets from the available choices.

Select Preset
1
2
3
4
5

Select Aux Function
tt:Wiper
tt:Washer
tt:IRLamp
tt:WhiteLamp

NOTE: Auxiliaries and Presets cannot be configured, saved or removed through the Fusion Reach application. This must be configured via the Fusion Eclipse VMS.

Preferences

The Preferences menu allows you to configure Fusion Reach. See configuration options and setting below:

NOTE: It is advised that the majority of these settings are kept default.

VMS Connection Settings

Hostname/IP Address
Hostname/IP of VMS Server

Port
Port on VMS Server

Path
Path on VMS Server

Username
Username for VMS Server

Password
Password for VMS Server

VMS Callback Settings

Local SOAP Port
Local SOAP Callback Port

Hardware Decompression

Hardware Decompression
Enable Hardware Decompression

ONVIF Camera Settings

RTSP Connection Type
UDP, TCP or HTTP Tunnel mode

Engineer Mode

Engineer Mode
Enable Engineer Mode

Select RTSP and H264
Select RTSP library and H264 decoder

Hostname/IP Address:

Enter the Hostname or IP Address of the Fusion Eclipse VMS running the Mobile User Group Service.

Port:

*This is the port in use on the Fusion Eclipse VMS for the Mobile User Group Service. **Default = 7175***

Path:

*This is the path used on the Fusion Eclipse VMS for the Mobile User Group Service. **Default = /mobile***

Username & Password:

Set the Username & Password to authenticate with the Fusion Eclipse VMS.

This Username must be part of the Fusion Eclipse VMS System Model.

Local SOAP Port:

Default = 40000

Hardware Decompression:

Default = Unticked

Engineers use only.

RTSP Connection Type:

Default = TCP

Engineers use only.

Engineer Mode:

Engineer mode enables additional test features to establish connections via ONVIF & RTSP.

Select RTPS & H264:

Default = Auto (ffmpeg + User SW/HW Choice)

Support



Meyertech support can be accessed a number of different ways depending on whether you are a Meyertech Certified Partner (MCP), a Non-MCP with a current Support Menu or a customer who has just purchased a new product.

Meyertech Certified Partner (MCP) / Non-MCP with a Support Menu

- Request a Support Ticket <http://www.meyertech.co.uk/support.html>
- Email the Meyertech Service Centre tech-support@meyertech.co.uk
- Phone the Meyertech Service Centre +44 (0) 161 643 7956

All Other Customers

- Request a Support Ticket <http://www.meyertech.co.uk/support.html>

Only one issue maybe reported per **Support Case**. If multiple unrelated issues are reported Meyertech support engineers will create a separate support case for each unrelated issue.

Customers access Meyertech support by purchasing a **Support Menu** which meets their Requirements in relation to the support they require access to.

The concept of the Support Menu is based on a food theme. There are six menus to facilitate the provision of support to Meyertech partners, non-partners and SLA driven contracts.

If you are a customer who does not have a current Support Menu or currently not a Meyertech Certified Partner our Support Menus can be purchased or 'topped-up' with additional credits at any time. If you fall into this category you will receive GRATIS Support Credits every time you purchase a product. If you are a customer who has a Support Menu the GRATIS Support Credits are simply added to your current menu with every purchase you make.