

# Epygi Premise-Based Products

## Rack Mount Solution

Epygi's Rack Mount Kit is designed with you in mind. The smaller, more modular QX products integrate seamlessly with the Rack Mount Kit, ultimately reducing clutter and maximizing space. With the exception of the 19-inch QX2000, Epygi's line of QX products simply slide into the rack mount and are secured with a thumb screw. The IP PBXs and Gateways consume minimal power, thus saving customers added expenses.



The kit, purchased separately from the IP PBXs and Gateways, includes two DC power cables for power redundancy. Power redundancy can be used on all QX products with the exception of the QXFXS24.



Please refer to the technical data sheets for our IP PBXs to see the maximum number of Gateways that can be interconnected.

## QX IP PBXs and Gateways Configured as One Unified System

Gateways can be configured to a QX IP PBX as slaved devices through the IP PBX's GUI.

The diagram illustrates the configuration of QX IP PBXs and Gateways as a unified system. It shows a rack with three units: QX200 (Master), QXFX04 (Slave), and QXFXS24 (Slave). Below the rack is a screenshot of the Epygi GUI. The GUI shows the 'IP Lines' configuration page for the QX200 unit, with a sub-page for 'FXO Settings'. The 'FXO Settings' page displays a table of FXO Lines with their status and allowed call types.

FXO Lines	Enabled	Allowed Call Types
FXO1	Yes	Both incoming and outgoing calls
FXO2	Yes	Both incoming and outgoing calls
FXO3	Yes	Both incoming and outgoing calls
FXO4	Yes	Both incoming and outgoing calls
FXO 1@192.168.47.139.5080	Yes	Both incoming and outgoing calls
FXO 2@192.168.47.139.5080	Yes	Both incoming and outgoing calls
FXO 3@192.168.47.139.5080	Yes	Both incoming and outgoing calls
FXO 4@192.168.47.139.5080	Yes	Both incoming and outgoing calls

# ecMON

## Effective Monitoring Solution for QX PBXs

An effective automatic monitoring tool is always needed for properly operating and managing the complex infrastructures, cloud-based services and most importantly for ensuring the availability of the company's business-critical voice network.

ecMON (Epygi Cloud Monitoring Service) is a cloud-based monitoring service which is part of the Epygi Cloud QX Service (ecQX). It is a WEB application platform allowing centralized monitoring for Epygi QX IP PBXs. Primarily designed for the Epygi SIP-based cloud PBXs – ecQX, the ecMON service is also used for monitoring the on-premise QX IP PBXs as well. It is a great tool for centralized monitoring and managing all active QX IP PBXs, regardless if they are on-premise or in CLOUD. Once configured, all active QX IP PBXs will be shown in a centralized directory with some key configuration settings and performance parameters. Conveniently accessible via a WEB browser, the ecMON's centralized directory will provide real-time event notifications on the application statuses which are running on QXs at that specific timeframe.

ecMON makes it possible to efficiently monitor all active system events on all QX devices and report them to the system administrator. Among the reports shown is the status of registered phones, SIP trunks and even bad quality calls. These reports help to identify problems quickly and resolve them in a timely manner.

The **ecMON** tool enables the user to:

- ecMON combined with ecQX and on-premise QX solutions becomes the best monitoring solution of both worlds.
- Review all currently active QXs in a centralized directory.
- Get the key configuration settings of active QXs, such as the unique ID, hostname, FW version, uptime duration & the number of registered phones.
- Evaluate the CPU utilization & get the number of simultaneous calls on QXs.
- Get real-time notifications for system events that may affect the quality of services running on the QXs.
- Identify & resolve issues on QXs in a timely manner.
- Review over 70 system events regarding the services running on QXs.