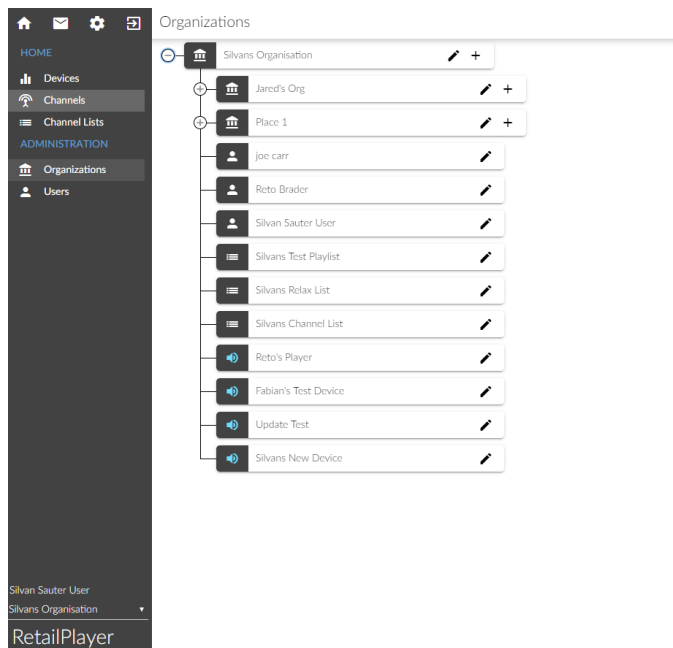


# BARIX

## RetailPlayer Portal

Management Portal for multi-channel background music streaming



The RetailPlayer Portal is a cloud-based Management Solution to organize the RetailPlayer installations. The Portal includes User Management with different privileges, Organisation and Site Management, Device Management, Channel Management as well as many other features. In addition to the control of any connected Player by the portal, a QR code based remote control web-application allows to switch between Channels and control Volume. The Status of every device is reported to the player and allows effective remote Failure Identification.

The RetailPlayer Portal is provided as cloud Solution hosted by Barix. In Enterprise environments, the Portal can be hosted by the Customer (see Technical Specifications).

### Applications

- Background music distribution to retail outlets, hospitals, gyms and restaurants
- Radio distribution system with central management
- Corporate audio streaming solution

### Specifications

- Cloud based Portal Solution
- https security
- User management with individual privileges
- Organization and Site Management
- Device Management
- Channel and Channel List Management
- Player Status Feedback
- QR Code based Remote Control with web-app

# Technical Specifications

## Application

- NodeJS Application
- Redis Cache

## Database

- PostgreSQL Server

## Webserver

- Nginx to serve static frontend and reverse proxy API to NodeJS application

For Customers who will host the RetailPlayer portal in they own enterprise environment, the following requirements to the infrastructure apply:

## Server Infrastructure Requirements

- Linux OS Environnement
- Docker and Docker compose
- File System Space for Files (Database , Database Backups, Failover Playlist, etc)

For Windows based customers a virtual machine e.g. VirtualBox with Linux and the docker-compose'd portal solution can be provided.

## Network and Routing Requirements

- HTTP Port 80
- SSL Port 443 (if SSL encrypted communication to RetailPlayer is used)

## Security

Barix RetailPlayer Portal by default uses SSL encryption for communication between Portal and RetailPlayer. Customer Specific certificates based on Barix certification authority and customer local domain will be provided.

Non SSL communication is supported and can be used in closed Infrastructures.

## Software updates and Maintenance

Software updates for the Barix RetailPlayer Portal will be provided by pre-built installation scripts.

## Note

The Barix RetailPlayer Software does not contact any external servers for license validation or to download dependencies etc.

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For commercial related questions (distributors contacts, price list, business opportunities) please contact  
**sales@barix.com**

For technical inquiries (problem reports, request for documentation, etc.) please contact  
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