Product Catalogue

2024



Q-Better wants to make a stand in the world of customer service through innovation.

Aiming to help businesses to improve their customers' experience, Q-Better creates intuitive and powerful systems that will lead to a continuous cycle of improvement and is always looking for new technologies and its applicability in each market.

Our goal will not only address the customer experience, but also provide means to acquire new customers, improve efficiency, increase sales, and reduce operational costs.

We believe that well-organized services, informed customers, and access to important business statistics are essential to achieve an excellent level of service.

#### Website

www.q-better.com

#### Contacts

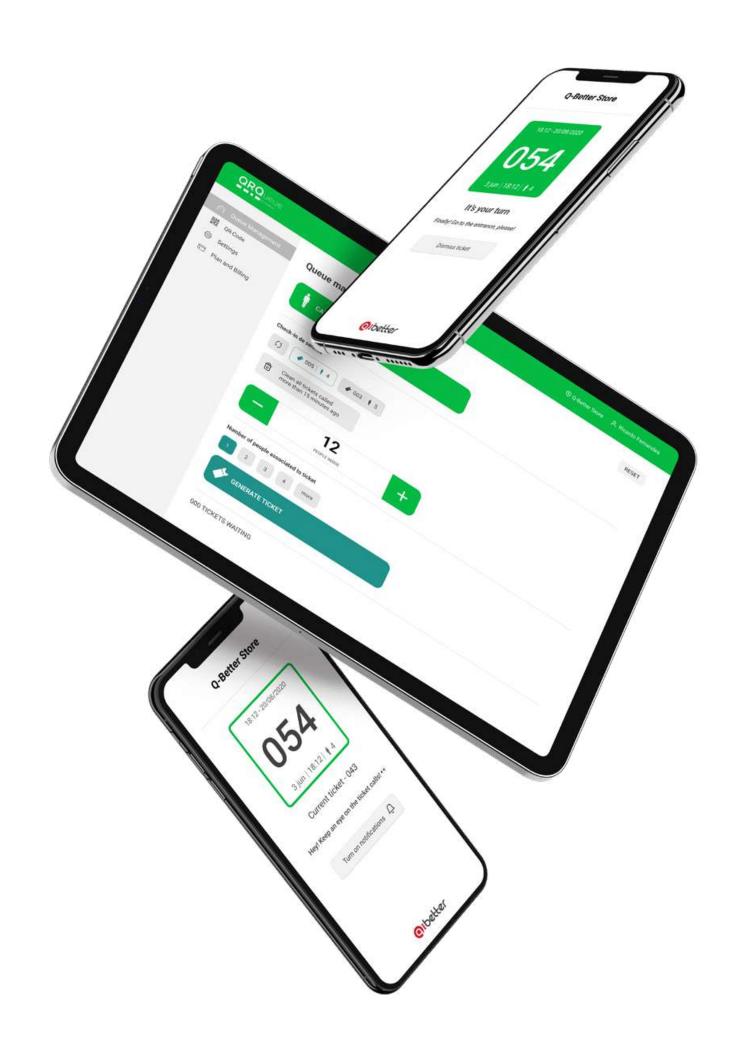
sales@q-better.com +351 253 202 085

#### Headquarters

Rua Dr. Manuel José de Oliveira Machado, 37 4700-058 Braga Portugal







QR-Queue





### QR-Queue

QR-Queue is Q-Better's simplest solution: a SaaS single-line QMS that requires nothing but the visitor's smartphone (software only). By scanning the displayed QR-Code, an e-ticket is retrieved, where the visitor can see his/her ticket, and the current ticket in line. Combine automation and flexibility to allow your customers to wait where and how they want.

| Digital Ticket (contactless)

No waiting lines

| People counting

No hardware

No App installation

| Secure, easy and quick set up

#### As a store owner, you can:

Download your QR-Code and display it

| Call tickets

| See last called ticket

| Generate ticket for those with no smartphone

| See last generated ticket

Manage how many people are currently in the store

I See how many people are waiting

Reset the counter

Cancel or change the subscription plan anytime





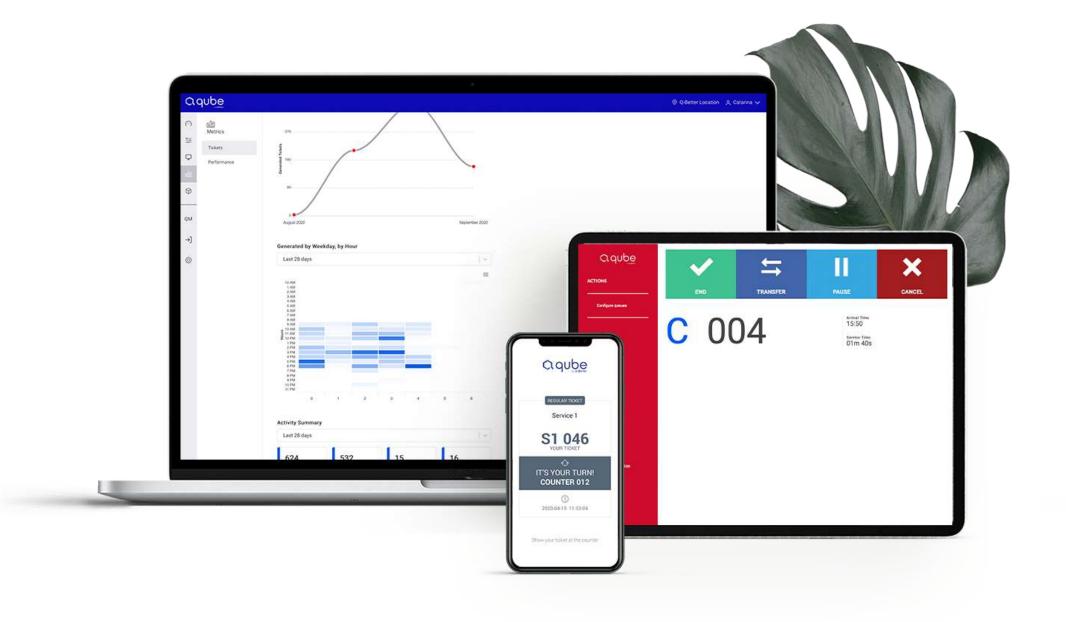
# Subscription Plans

There are four subscription plans, always per location.

You can choose to pay monthly or annually. Annual licenses get an 8.3% discount, equivalent to a free month.

ESSENTIAL	GROWTH	PREMIUM	UNLIMITED	
REF: QR-QUEUE_EM	REF: QR-QUEUE_GM	REF: QR-QUEUE_PM	REF: QR-QUEUE_UM	REF: QR-QUEUE_ET
<ul><li>Essential plan</li><li>Monthly licence</li><li>250 tickets/month</li></ul>	<ul><li>Growth plan</li><li>Monthly licence</li><li>1000 tickets/month</li></ul>	<ul><li>Premium plan</li><li>Monthly licence</li><li>5000 tickets/month</li></ul>	<ul><li>Unlimited plan</li><li>Monthly licence</li><li>&gt;5000 tickets/month</li></ul>	- Pack of 250 extra tickets
REF: QR-QUEUE_EA	REF: QR-QUEUE_GA	REF: QR-QUEUE_PA	REF: QR-QUEUE_UA	
<ul><li>Essential plan</li><li>Annual licence</li><li>3000 tickets/year</li></ul>	<ul><li>Essential plan</li><li>Annual licence</li><li>12000 tickets/year</li></ul>	<ul><li>Essential plan</li><li>Annual licence</li><li>60000 tickets/year</li></ul>	<ul><li>Essential plan</li><li>Annual licence</li><li>&gt;60000 tickets/year</li></ul>	





2

Qube





### Qube

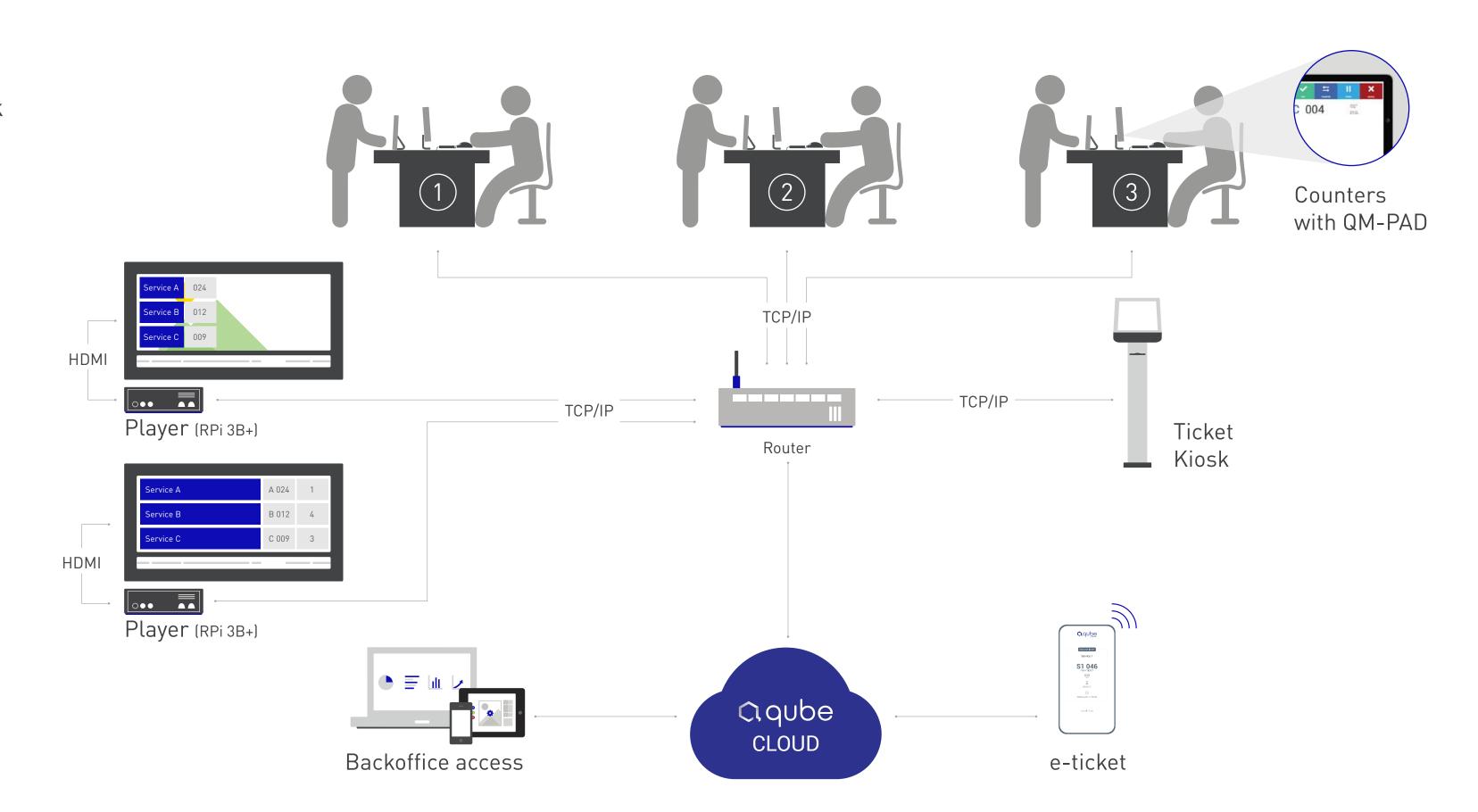
Qube is a smart queue management system that swiftly organizes services' waiting lines. Remarkably adaptable to services where time is priceless and must have a quick and efficient response.

A breakthrough solution developed using the newest technologies, market trends and population important needs. Its usability improves service efficiency while its design seamlessly blends into the room aesthetics. A smart solution to elevate the service experience to a whole new level.



As a public cloud solution, this system and all its components require internet connection.

For better functioning of the system, the supplied networks must have IPV6. In addition, ports 443, 8883, and 8084 must be open and this is imperative because, without port 8084, real-time queue status updates do not work.





# Subscription Plans

There are five subscription plans to choose, always per location.

Each plan includes: unlimited number of queues unlimited number of users 1 1 player \* (software only)

FREE	OPTIMIZE	PLUS	PR0	UNLIMITED
300	3 000	15 000	45 000	unlimited
tickets per month				

REF: Q-QBPRMB REF: Q-QBFMB REF: Q-QBOPMB REF: Q-QBPLMB REF: Q-QBUNMB REF: Q-QBEXTK

- Free plan

- Monthly licence

- Optimize plan - Monthly licence - Plus plan

- Monthly licence

- Pro plan - Monthly licence

- Unlimited plan - Monthly licence - Pack of 2500 extra tickets

- One-time payment

REF: **Q-QBFAB** 

REF: Q-QBOPAB

REF: Q-QBPLAB

REF: Q-QBPRAB

REF: Q-QBUNAB

- Free plan

- Optimize plan

- Plus plan

- Pro plan

- Unlimited plan

- Annual licence

<sup>\*</sup> The plan includes 1, but it is possible to add more by acquiring them separately.

### Admin

The Admin is the control panel where are presented all tools and settings for Qube's operation.

It is composed by:

A dashboard with all operational statistics

| Management tools to administer all queues, counters and users

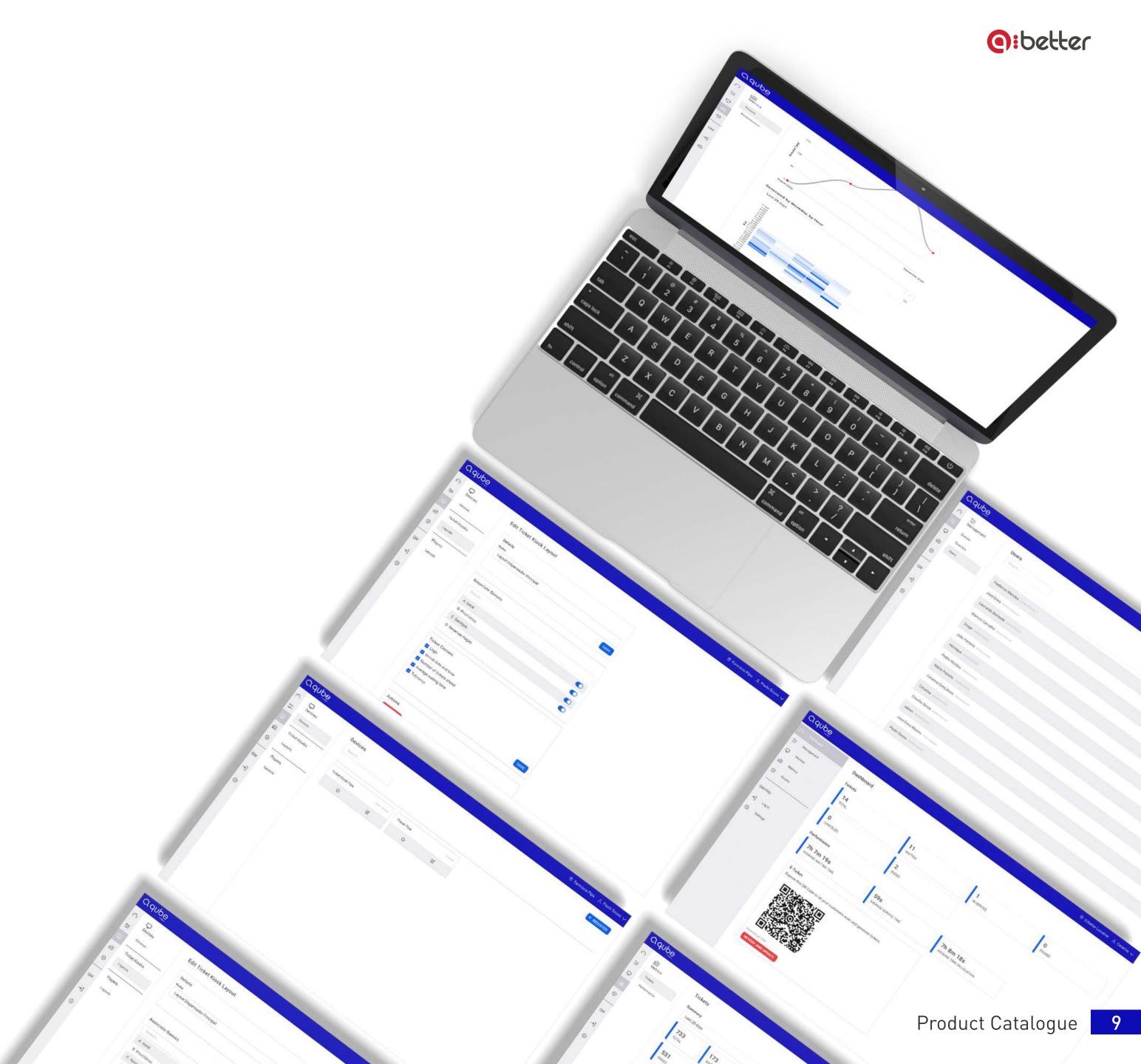
| E-Ticket settings

Devices to install and monitor

Assets for all player's contents and layouts (images, videos, playlists, texts and feeds)

Metrics with performance statistics along the time, providing excellent information for control and as a support for all decision-making processes

Setting options that can be adjusted for each location, according to one's management preferences





### Player

A Qube player can be connected to a display to keep visitors informed about the queueing status and to promote products and services.

| Queueing status per queue or by last ticket called | Customizable Player Layout: change fonts, colors and sizes. Insert images, videos and playlists. Draw shapes. Add and format free text and RSS feeds.

The player is composed of software and hardware, but the hardware can either be provided by Q-Better (as a plug and play device) or bought locally according to our specifications.

Each plan includes 1 player per location (software only). Extra players have an additional software cost.

REF: Q-QBXPMB

- Player software
- Monthly licence

REF: Q-QBXPAB

- Player software
- Annual licence

REF: Q-QBPL

- Player hardware
- Raspberry Pi 4 Model B 64-bit quad-core Cortex-A72 processor
- 2GB LPDDR2 SDRAM
- 32GB microSD card

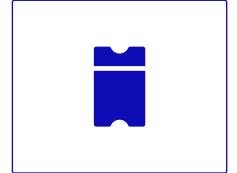




# Ticket dispensers

Ticket dispensers are a simple self-service solution for visitors to enter the queueing process. There are several models available to suit different industries and organization sizes.

All ticket dispensers are compatible with any thermal paper roll with a width of 57 mm, a diameter of 80 mm maximum, and a core of 11 mm.



Paper with ticket details



Scan e-ticket QR code

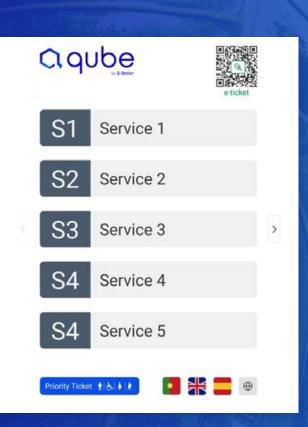


Multi-language content display











# Ticket dispensers

10", 15" or 17" classic

REF: Q-DTT10W/B

REF: Q-DTT15W/B

REF: **Q-DTT17W** 



10" compact

REF: Q-DTC10W



#### Supports:

- Desk stand (included)
- Wall mount

REF: Q-DTC10WM

- Floor stand

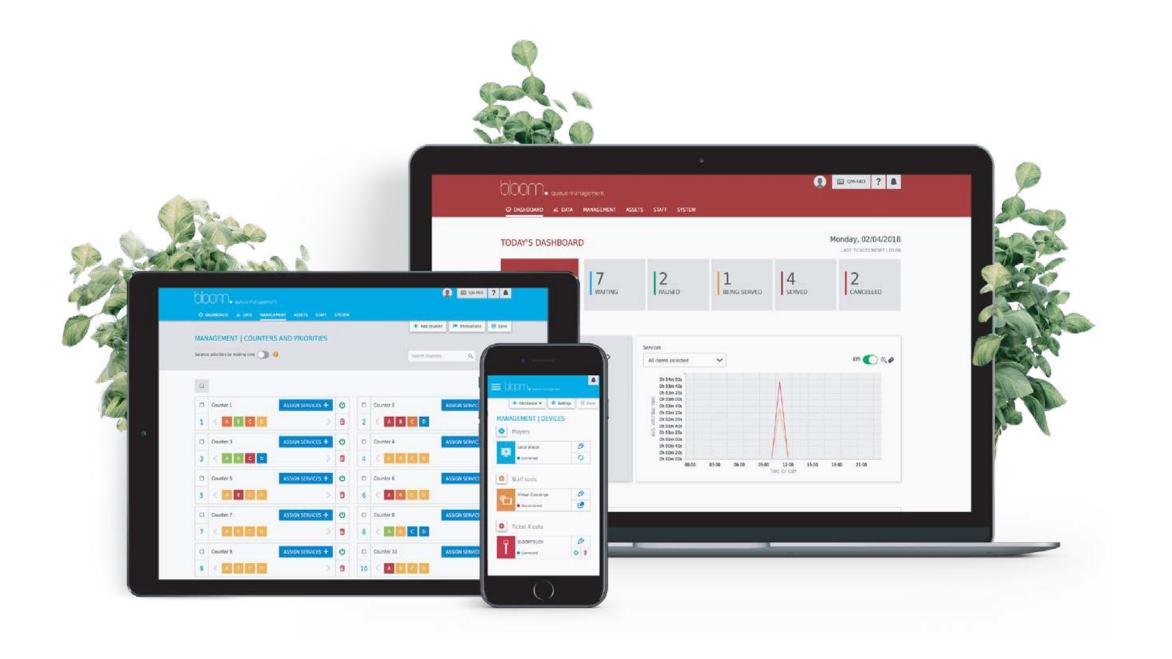
REF: Q-DTC10FSW

15" wallmount

REF: Q-DTP15W/B



This model has a longer delivery time. Please consult our sales team about the availability of this product.





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# Bloom Standalone



# Bloom Standalone 6.

#### SYSTEM FOR SINGLE-LOCATION PROJECTS

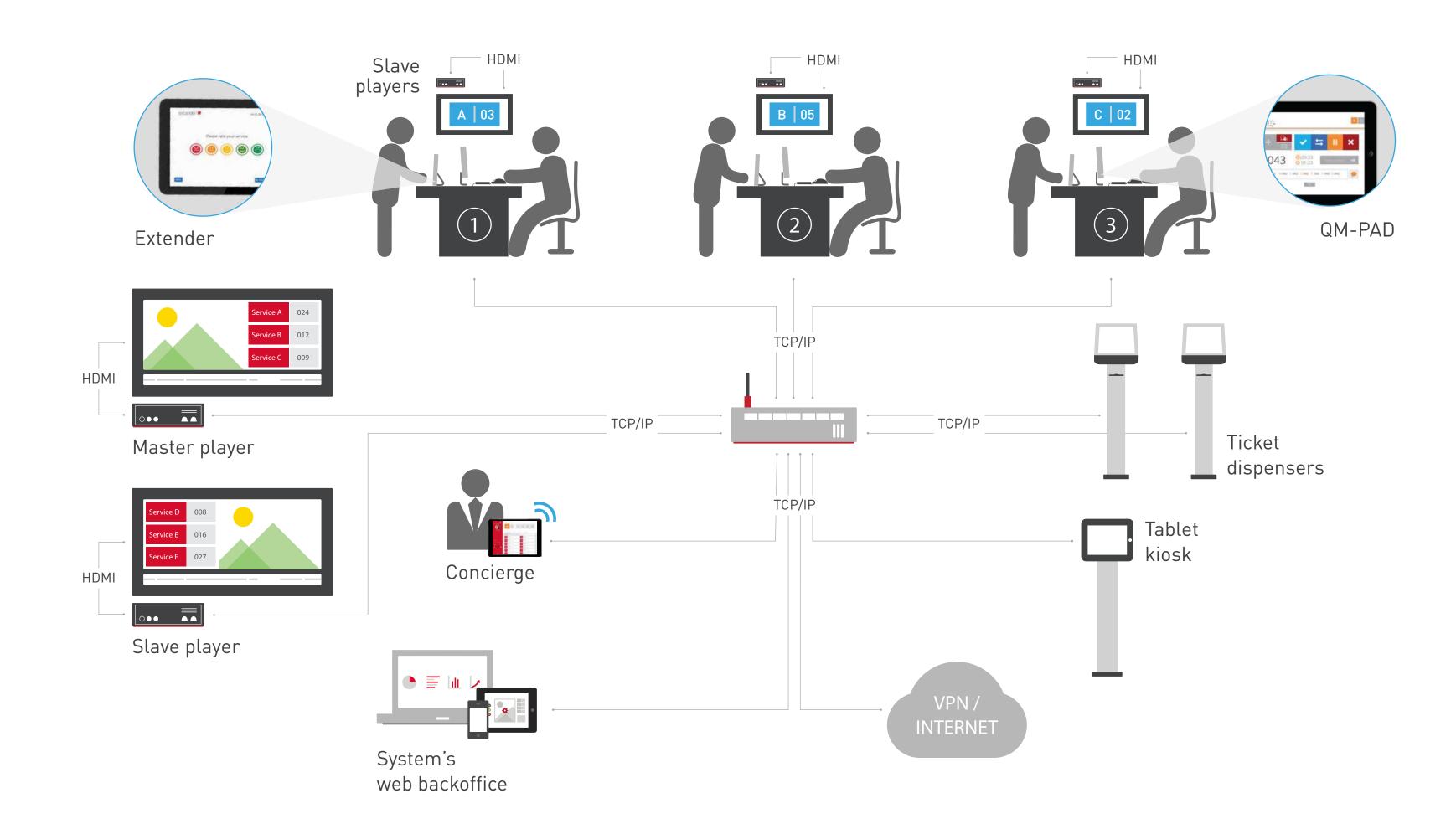
A local server controls and manages the queues and devices of the location, creating a system entirely autonomous and independent of external connections\*.

Real-time information and access to useful statistics and historical data

Local devices setup and configuration

| End-user interfaces customization

| Web-based backoffice accessible through any device connected to the system's network



<sup>\*</sup> Access to internet is required in the first setup to activate the license, to get online RSS feeds, to use email and SMS notifications, and to use the integration with third-party appointments systems.



### Bloom Master

Bloom Master is the local server of Bloom Standalone system, an all-in-one solution that unites the management of every device and enables the configuration of all system's features.

Includes QM-PAD, a web-application for the staff to call and manage tickets in the assigned services.

It can be connected to a display to show queueing information and multimedia contents:

- Header with logo and date and time
- | Queueing modules (per service, per counter, last called tickets, etc.)
- | Multimedia module (playlist with images, videos, and/or HTML pages)
- | Footer with RSS and/or text feeds

#### HARDWARE







### Bloom Master

#### Bloom Master **Standard**

Local server to manage up to 10 counters\*.

#### **Intel NUC**

REF: Q-HPITL

- CPU: i3 | RAM: 4GB | SSD: 240GB

#### **Compact Box**

REF: Q-HPCB

- CPU: Intel Pentium Processor N3700 2M Cache, up to 2.40 GHz| RAM: 4 GB | eMMC: 240GB
- Recommended for smaller installations with few devices and up to 500 tickets per day
- Not recommended if large or Full HD multimedia items will be displayed



#### Bloom Master Prime

Local server to manage up to 20 counters\*.

#### **Intel NUC**

REF: Q-HPITLP

- CPU: i5 | RAM: 4GB | SSD: 240GB
- Better suited when large or Full HD multimedia items will be displayed



#### Bloom Master Unlimited

Local server to manage up to 99 counters\*.

#### **Intel NUC**

REF: **Q-HPITLU** 

- CPU: i5 | RAM: 4GB | SSD: 240GB
- Better suited when large or Full HD multimedia items will be displayed

<sup>\*</sup> Counter is a service station. The limit includes either active or inactive counters.

### Bloom Extender

Bloom Extender is a multifunction application for Android tablets, intended to display information and collect visitors' feedback.

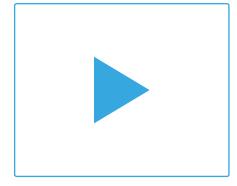
A 024

Called ticket

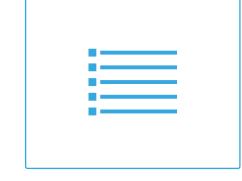




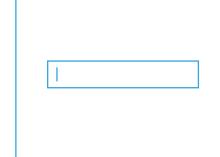
Quality ratings



Multimedia playlist



Satisfaction surveys



Open questionnaires





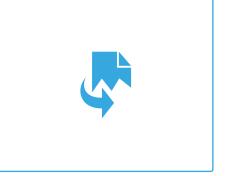
- Software solution (no tablet included)
- Compatible with Android v4.4.4 or above





# Bloom Concierge

Bloom Concierge is a ticket management staff interface that can serve different scenarios, from saving visitors' time to optimize the service performance on the busiest times of the day.



Generate tickets

List of waiting tickets





Call and manage tickets

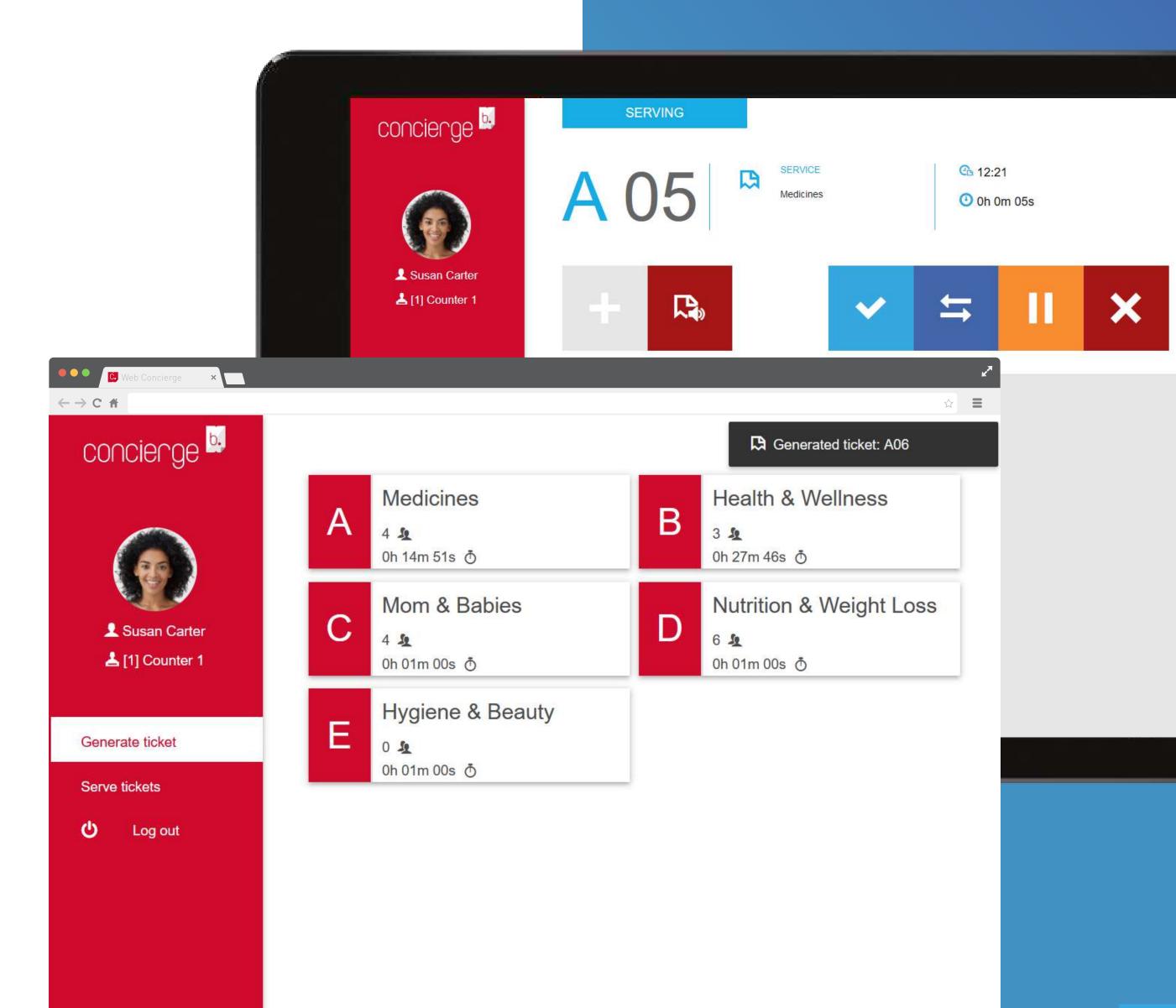
Ticket associated forms

REF: Q-CONCIERGE





- Software solution (no tablet included)
- Compatible with Android v4.4.4 or above
- When connected to a Epson TM-T20II network printer it will print a paper ticket



### Bloom Tablet Kiosk

Bloom Tablet Kiosk is a simple and paperless solution for tickets generation with several application alternatives.

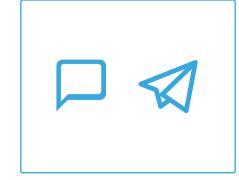
Virtual ticket can be shown in the tablet's screen.

After the visitor inserts a mobile number or email, Bloom sends an SMS or an email with the ticket details.

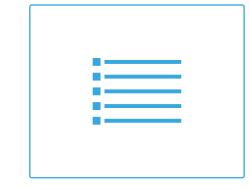
After collecting an identification element from the visitor, like a name or the identification number, that element will identify the visitor instead of a ticket number.



Multi-language content display



Ticket details sent by SMS or email



Forms to gather visitor information

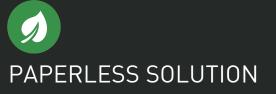
REF: Q-TKTOUCH



- Software solution (no tablet included)
- Compatible with Android v4.4.4 or above









### Bloom Slave

To manage the contents of additional displays, it is required a Bloom Slave player for each additional display. It has the same configuration possibilities as the Bloom Master, allowing them to be used for waiting area displays or counter displays.

| Header with logo and date and time

| Queueing modules (per service, per counter, last called tickets, etc.)

| Multimedia module (playlist with images, videos, and/or HTML pages)

| Footer with RSS and/or text feeds



#### **Intel NUC**

REF: Q-BSPL

- RAM: 4GB | SSD: 240GB

- Better suited when large or Full HD multimedia items will be displayed





# Ticket dispensers

Ticket dispensers are a simple self-service solution for visitors to enter the queueing process. There are several models available to suit different industries and organisation sizes.

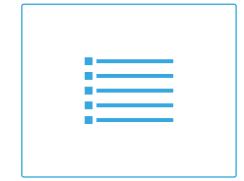
All ticket dispensers are compatible with any thermal paper roll with a width of 57 mm, a diameter of 80 mm maximum, and a core of 11 mm.



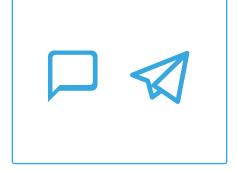
Multi-language content display



Paper with ticket details



Forms to gather visitor information



Ticket details sent by SMS or email



Queue information and service details





# Ticket dispensers

10", 15" or 17" classic

REF: Q-DTT10W/B

REF: Q-DTT15W/B

REF: **Q-DTT17W** 



10" compact

REF: Q-DTC10W



#### Supports:

- Desk stand (included)
- Wall mount

REF: Q-DTC10WM

- Floor stand

REF: Q-DTC10FSW

15" wallmount

REF: **Q-DTP15W/B** 

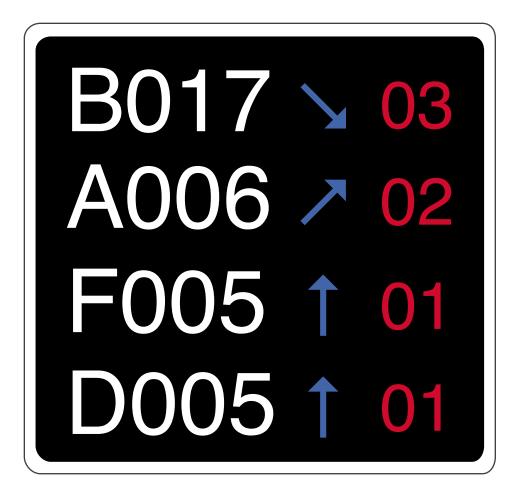


This model has a longer delivery time. Please consult our sales team about the availability of this product.



# LED displays

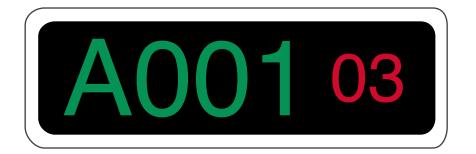
The LED waiting area display shows the last four called tickets and the counter number to which the visitor must go to. It can also display the direction in which the counter is.



REF: Q-LED-WAD

- power cable included (input voltage: 230V AC)
- VESA mountable (100 mm)

The LED counter display can be assigned to one or more counters and shows the last called ticket and the counter number to which the visitor must go to.



REF: Q-LED-CNT

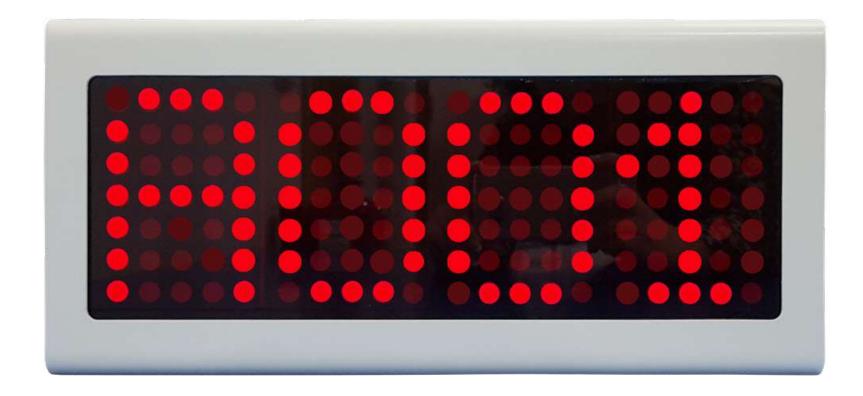
- PoE (Power over Ethernet) 802.3af/at
- VESA mountable (75 mm)

These products might have longer delivery times. Please consult our sales team about the availability of this product.



# LED displays

The LED ticket display can be assigned to a single counter and shows the last called ticket.

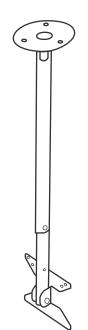


REF: **Q-LED-4-75-R** 

- 4 digits
- 7 x 5 matrix
- PoE (Power over Ethernet) or power supply
- VESA mountable (75 mm)

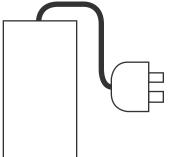
This product might have longer delivery times. Please consult our sales team about the availability of this product.

#### Components



### Ceiling support

REF: Q-CSVESA5



### Power supply

REF: AU-VD-P12H

- 230 VAC / 12 VDC, 1000mA

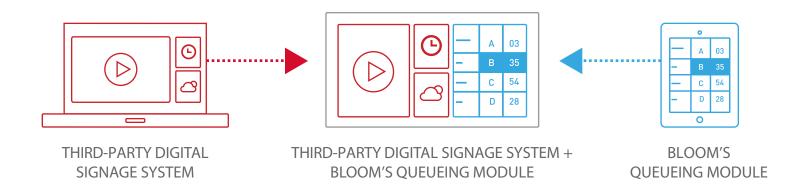


# Integrations

Bloom Standalone includes useful integrations to allow organisations to explore its full potential.

#### **DIGITAL SIGNAGE INTEGRATION**

Easy integration of the queueing module with third-party digital signage systems compatible with HTML5.



| Calling sounds will not be available. | The HTML renderer needs to support WebSockets and Canvas2D (HTML5).

If a different and more flexible layout of the queueing information is required, it is also possible to integrate via REST API that supports XML and JSON.

#### **APPOINTMENTS INTEGRATION**

Bloom Standalone can help the flow of a third-party appointments system by adding the check-in process\* and effectively manage walk-in and appointments tickets.

It is integrated with the online booking system SimplyBook.





| Through REST API, you can build a middleware to integrate Bloom Standalone with an appointments system of your choice.

#### OTHER INTEGRATIONS

To send notifications by email, Bloom Standalone can be integrated with the email provider of the organisation.

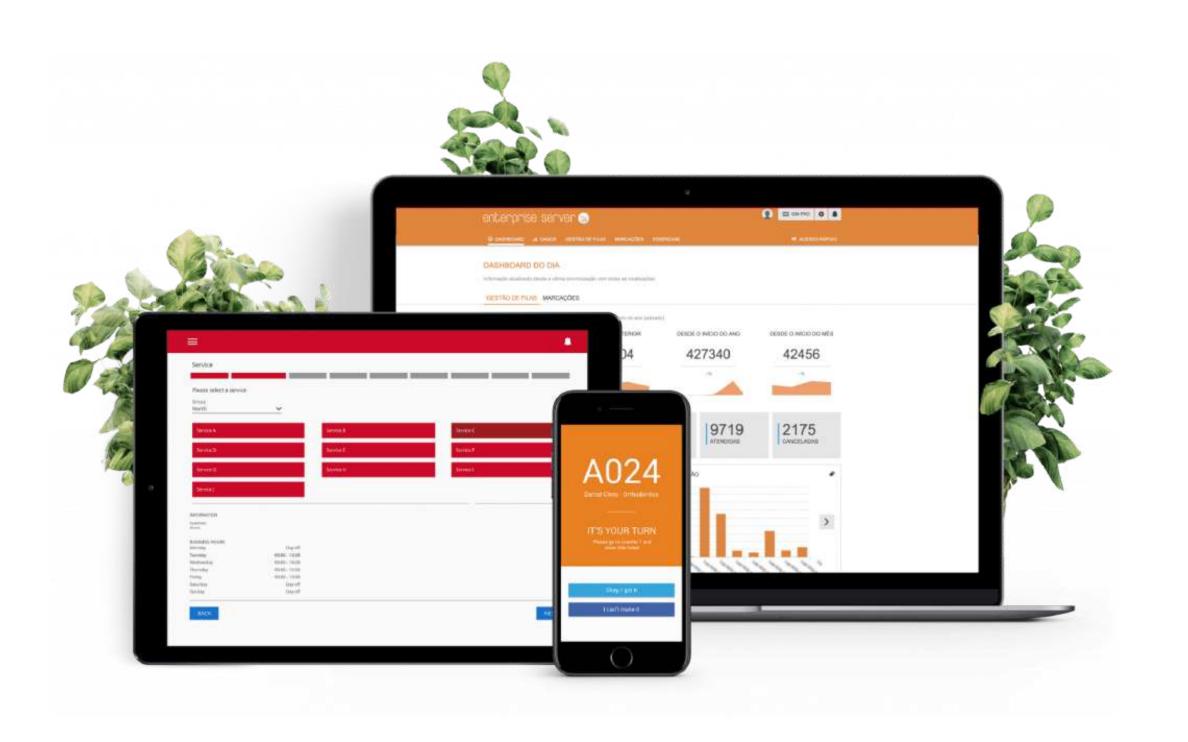
To send notifications by SMS, it includes the following worldwide SMS providers: MessageBird and Sinch. Bloom Standalone is also integrated with Kannel, allowing you to build a middleware that will connect the system to a SMS provider of your choice.

Includes integration for authentication process with Active Directory / LDAP server.

| For further integrations, please consult our sales team. According to the case, either we provide the REST API documentation for you to build the integration or we presentation a quotation, if technical feasibility is confirmed.

<sup>\*</sup> Procedure that will let Bloom know when the visitors with an appointment arrived to the site. Bloom will generate an 'appointment ticket' and inform the visitors once their appointment starts and where it will take place.





Bloom Enterprise



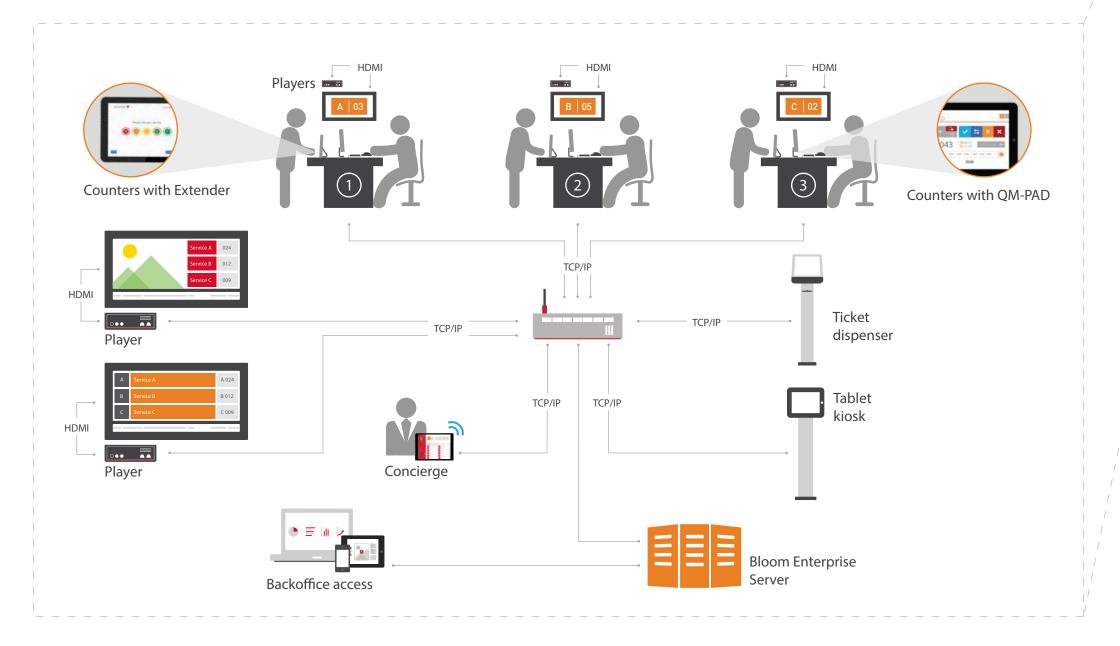
# Bloom Enterprise (b)

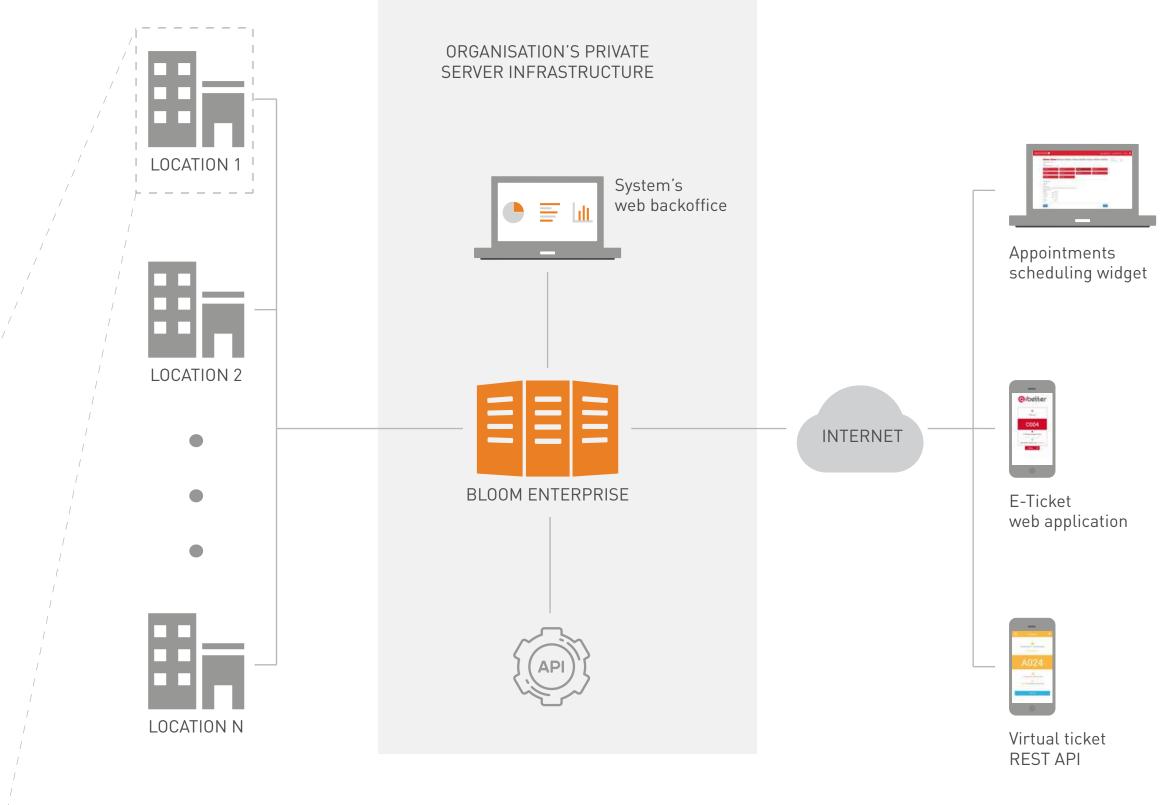
#### SYSTEM FOR MULTIPLE-LOCATION PROJECTS

A private cloud server controls and manages a network of locations from a central-point.

Bloom Enterprise software should be hosted in the organisation's private servers infrastructure.

Being a private cloud architecture, it requires a continuous and stable connection between all local devices and central servers.





<sup>\*</sup> Access to internet is required to get online contents for the players, to communicate with online SMS gateways, to integrate the appointments booking widget in the organisation's website, and to use the virtual ticket and e-ticket features.

### Core **software**

Bloom Enterprise software allows to centrally manage a network of queueing systems and local devices, and provides interactive charts with advanced historical analytics and real-time information to drive service performance.

Dashboard

| Data (statistics and lists)

| Queueing module

| Essentials (common resources like services, playlists, forms, etc.)

| System settings

I QM-PAD (web-application to call and manage tickets)

REF: Q-BESW

- Bloom Enterprise software
- To host in customer's private server infrastructure
- CentOS 7 or RedHat 7

REF: Q-BEQM...

- Queueing module packs for up to 3, 5, 10, 25 or 50 locations
- Choose as many packs as required to fulfill the number of locations



Every time a new Bloom Enterprise is proposed, the remote installation service must be included. Refer to page 27 for more details.





ORGANISATION'S PRIVATE SERVER

INFRASTRUCTURE

### Architectures and services

There are three pre-defined architectures, but if recommended or requested it is possible to design different architectures\*.

#### ARCHITECTURE #1

Recommended for small-size organisations (up to 1000 daily tickets).

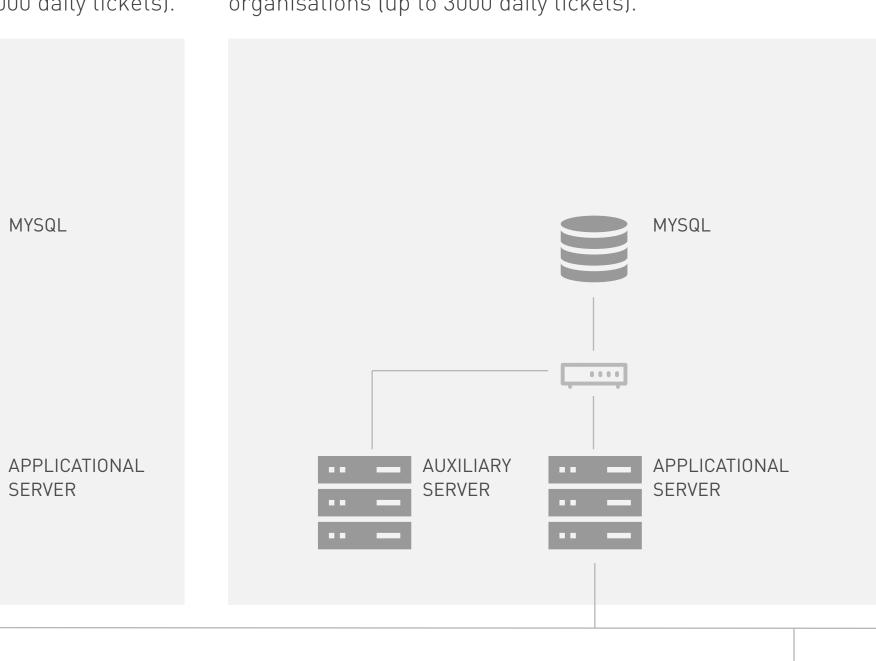
0 0 0 0

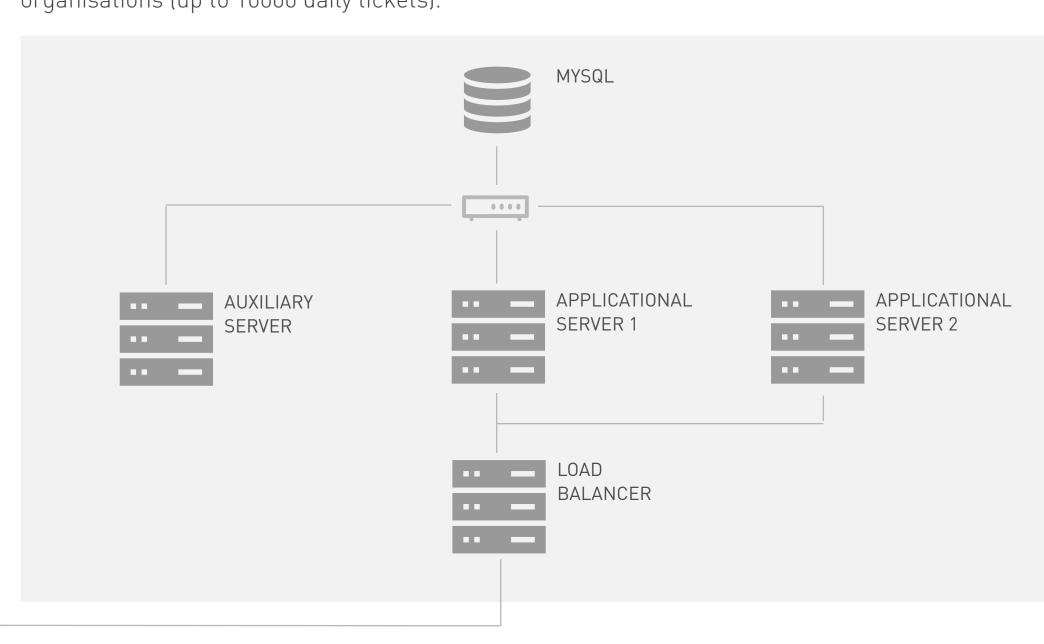
#### ARCHITECTURE #2

Recommended for medium-size organisations (up to 3000 daily tickets).

#### ARCHITECTURE #3

Recommended for large-size organisations (up to 10000 daily tickets).





LOCATION 1 LOCATION N LOCATION 2

<sup>\*</sup> For organisations with more than 10000 daily tickets you should contact our sales team.



### Architectures and services

Bloom Enterprise software must be installed by Q-Better.

You and/or the customer must prepare the required infrastructure, and, at the time of installation, a direct access to the servers must be provided to Q-Better.

REF: **FSE21-A...** 

- Remote installation service of applicational and auxiliary servers
- Check the pre-defined architectures in the previous page

REF: **FSE21-SA** 

- It is possible to design and quote a specific architecture under request

Regarding the database, there are two options:

I the customer provides the database instance (MySQL v5.7);

we provide the installation and configuration of MySQL v5.7 instance on a server provided by the customer.

The load balancer server is under the customer's responsibility. It can be hardware or software. Q-Better can provide a software solution, if requested.

Neither the database nor the load balancer installation are included in the services presented in the price table.



Every time a new Bloom Enterprise is proposed, the remote installation service must be included.

The server requirements must be evaluated case by case. If you need this information, please provide our team with the following details:

| chosen architecture

| estimated number of daily tickets (per location or in total)

estimated number of daily appointments (per location or in total)

estimated number of counters (per location or in total)

I number of devices - players, ticket dispensers, extenders, concierges, and/or tablet kiosks (per location or in total)

I if there will be integrations done via REST API or websockets (and, if yes, estimated number of requests per minute)



# Appointments module

The Appointments module allows professionals to manage appointments and give their visitors a better experience through self-service scheduling. Visitors can book an appointment by themselves on the organisation's website, at a time that suits them best.

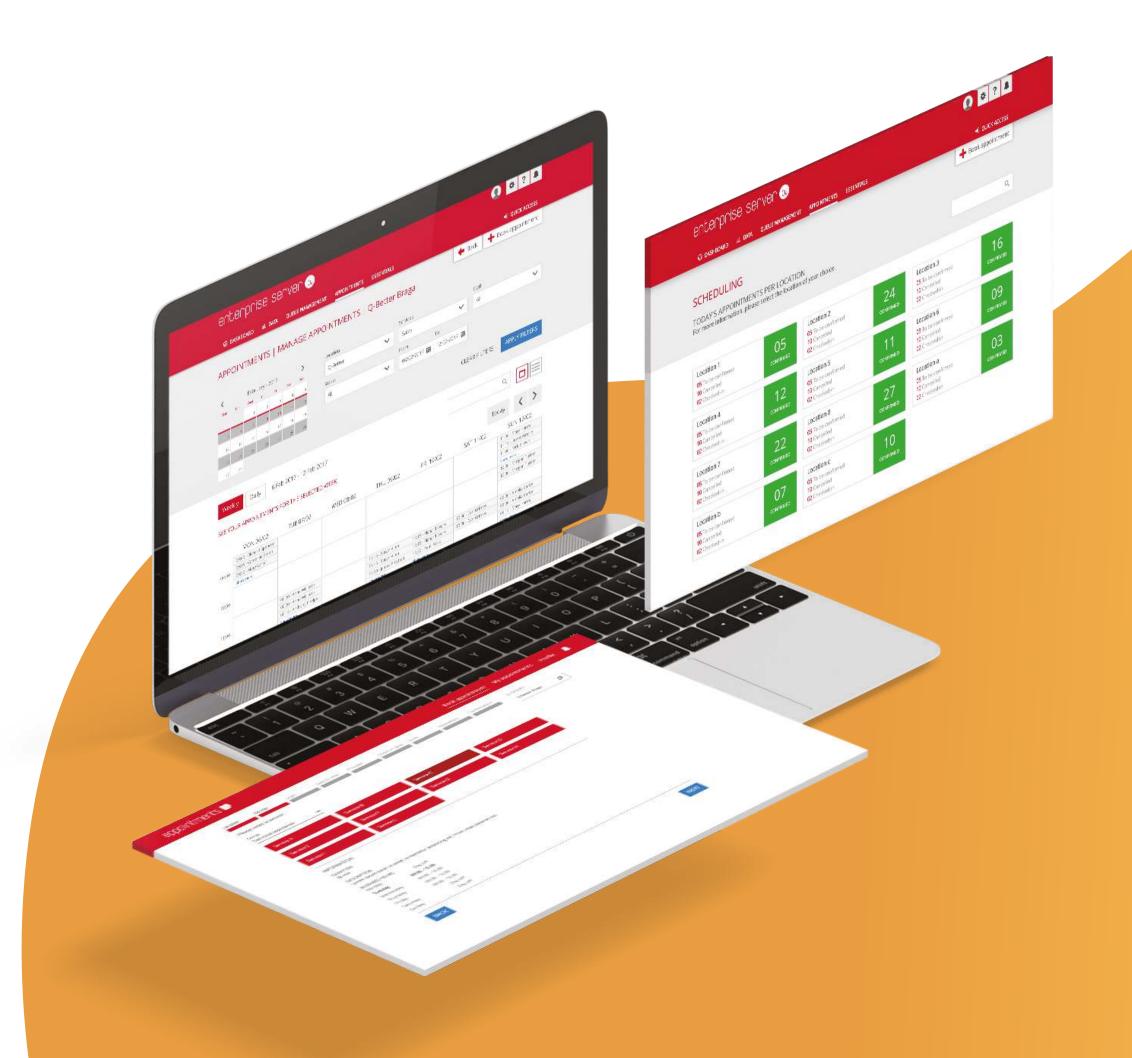
| Central management of appointments

| Set different scheduling flows per service

Customization of booking widget to fit the business's brand identity

REF: Q-BEAP...

- Appointments module packs for up to 3, 5, 10, 25 or 50 locations
- Choose as many packs as required to fulfill the number of locations that will use appointments





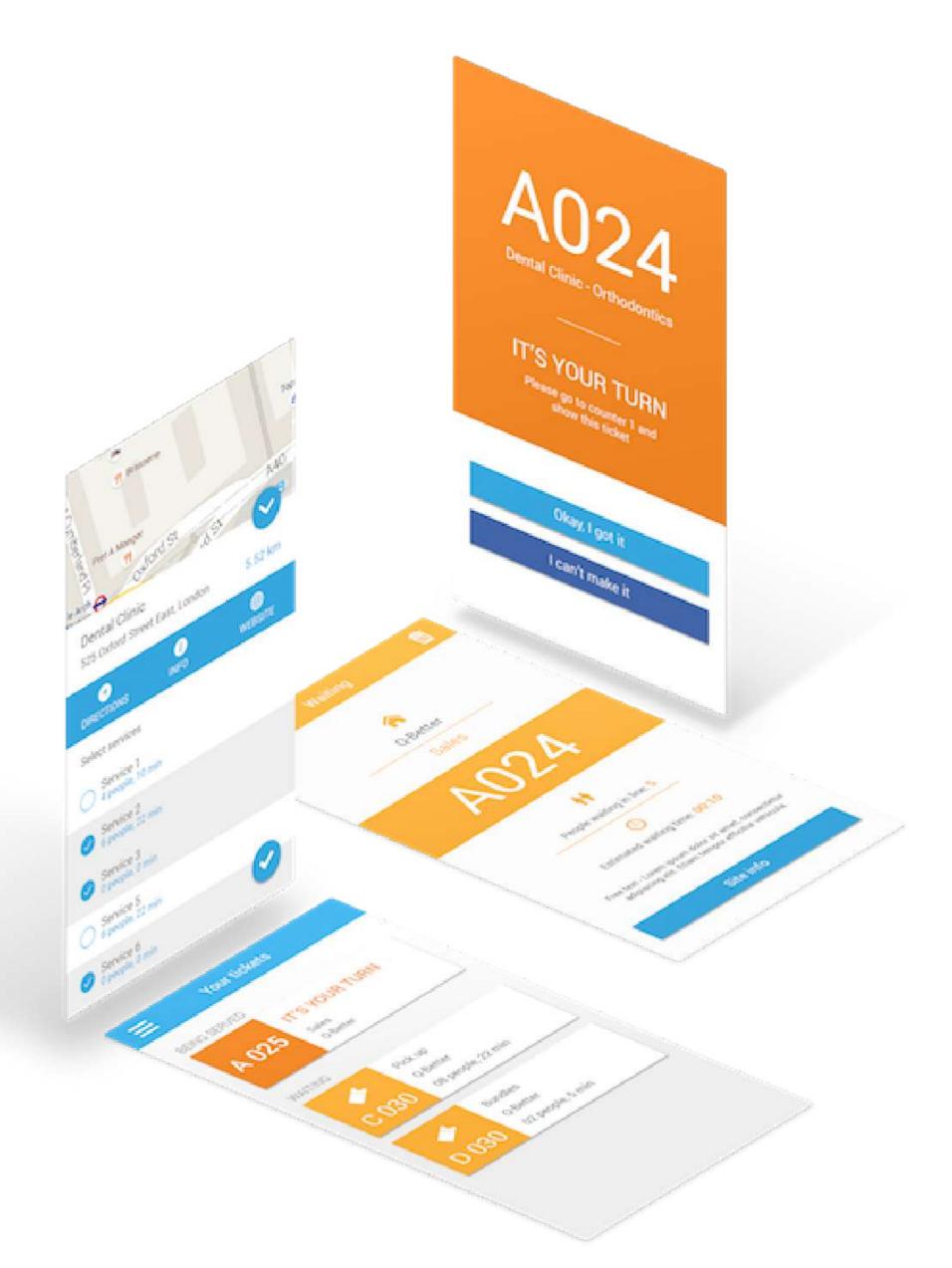
### Virtual Ticket REST API

The Virtual Ticket REST API allows organisations to develop an application that will give the chance for visitors to remotely check the queueing status of nearby locations, and generate a ticket while continuing with their day to day life.

| Send in-app notification when the visitors' turn is coming | Send in-app notification when the visitors are called Allow customers to cancel the ticket at any time

REF: Q-BEVT

- Gives access to the REST API for partners and/or customers to develop the app
- Includes 8 hours of consultancy service provided by one of our engineers
- Can be used to develop a dedicated app or to include this feature in existing apps



### Bloom E-Ticket

Bloom E-Ticket is a contactless solution that allows visitors to generate their ticket or to check in for a booked appointment by scanning a QR code available on site. Visitors will also receive notifications via browser to be informed when their turn is coming and when they are called\*.

The system allows to display the QR code in ticket dispensers and players. It also provides the QR code image to be used in tablets, printed posters, or other solutions the organisations seem fit.

REF: Q-BEET...

- E-Ticket feature packs for up to 3, 5, 10, 25 or 50 locations
- Choose as many packs as required to fulfill the number of locations that will use the e-ticket option

REF: **FSE21-ET...** 

- By choosing the feature e-ticket, an OPEX fee must be considered
- Ensures the access to updates that will keep the web-application up to date towards new mobile web-browsers versions
- Annual, quarterly, or monthly fee

**O**:better Pick up C004 **PAPERLESS SOLUTION** 2 People ahead of you Estimated waiting time: -h -m -s Product Catalogue 33

### Bloom Extender

Bloom Extender is a multifunction application for Android tablets, intended to display information and collect visitors' feedback.

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Multimedia contents



Satisfaction surveys



Quality ratings



Open questionnaires





- Software solution (no tablet included)
- Compatible with Android v4.4.4 or above





# Bloom Concierge

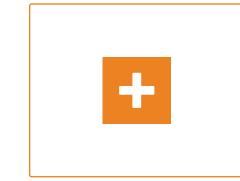
Bloom Concierge is a ticket management staff interface that can serve different scenarios, from saving visitors' time to optimize the service performance on the busiest times of the day.



Generate tickets



List of waiting tickets



Call and manage tickets



Ticket associated forms



Appointment check-in



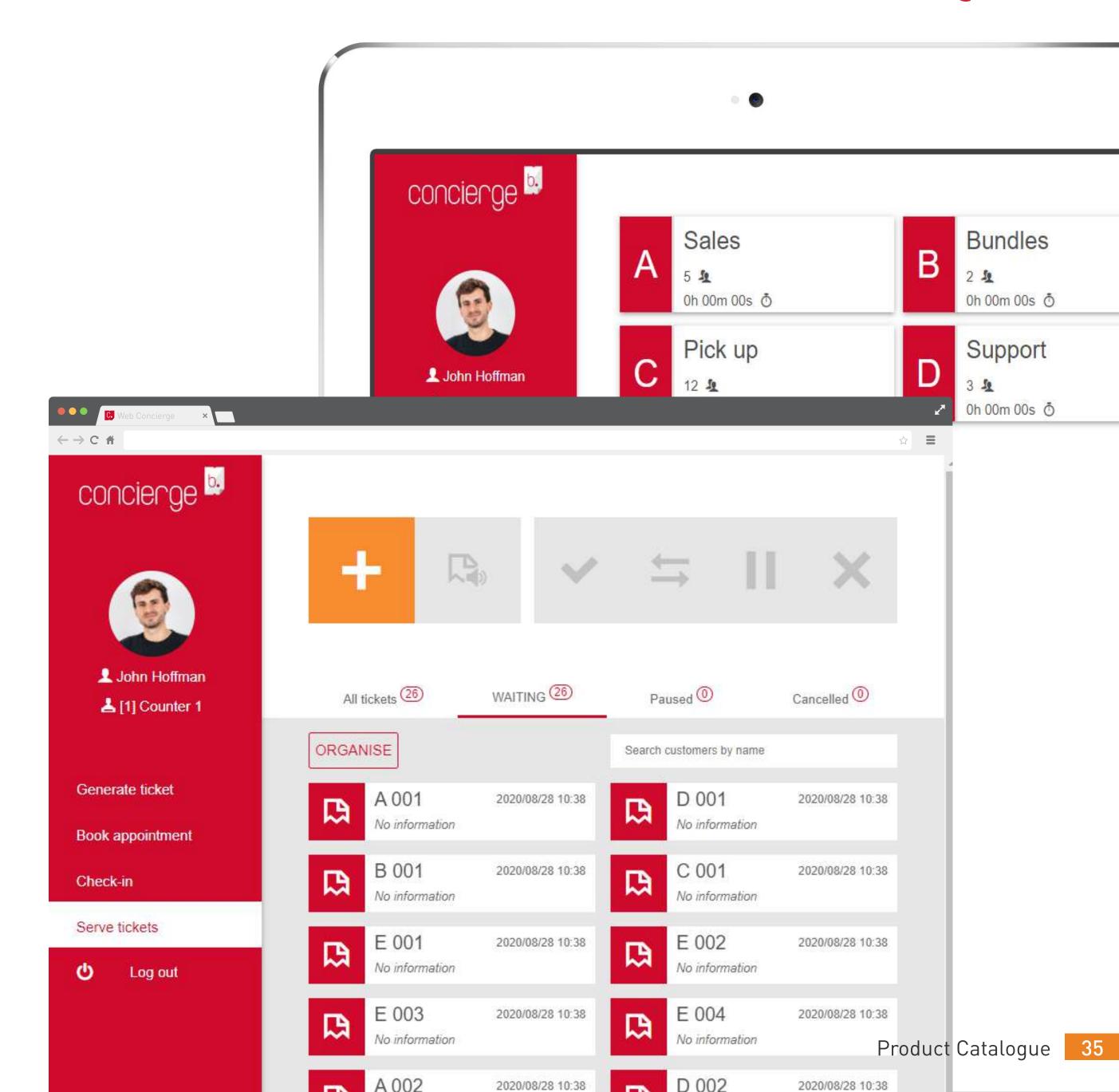
Schedule appointments







- Software solution (no tablet included)
- Compatible with Android v4.4.4 or above
- When connected to a Epson TM-T20III network printer it will print a paper ticket



### Bloom Tablet Kiosk

Bloom Tablet Kiosk is a simple and paperless solution for tickets generation. It is an interactive and adaptable Android application that conveniently suits the organisation's needs.



Multi-language content display



Ticket details sent by SMS or email



Forms to gather visitor information



Appointment check-in

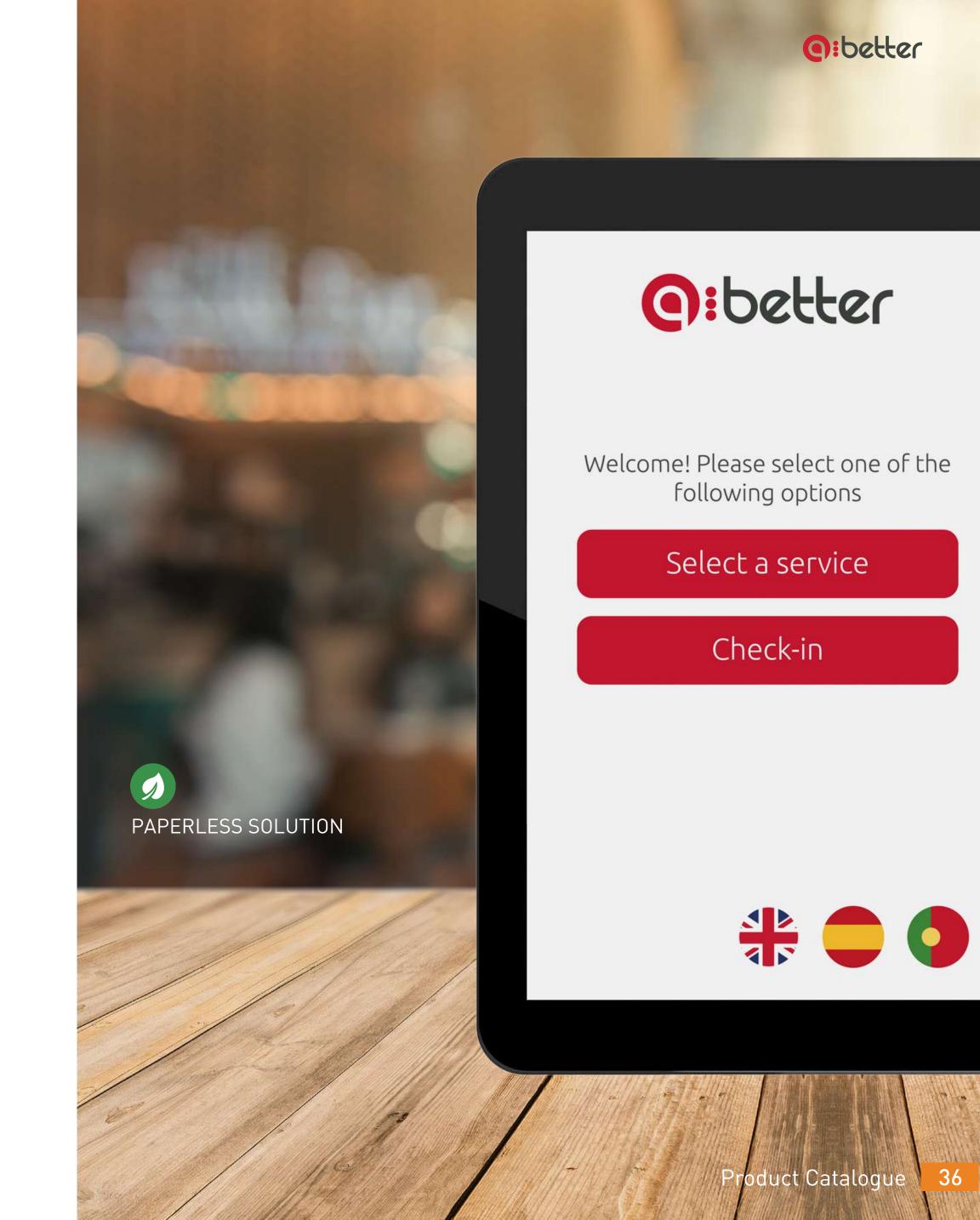


Scan e-ticket QR code

REF: **Q-BETKTOUCH** 



- Software solution (no tablet included)
- Compatible with Android v4.4.4 or above



# Bloom Player

To manage the contents of the displays, it is required a Bloom Player for each display.

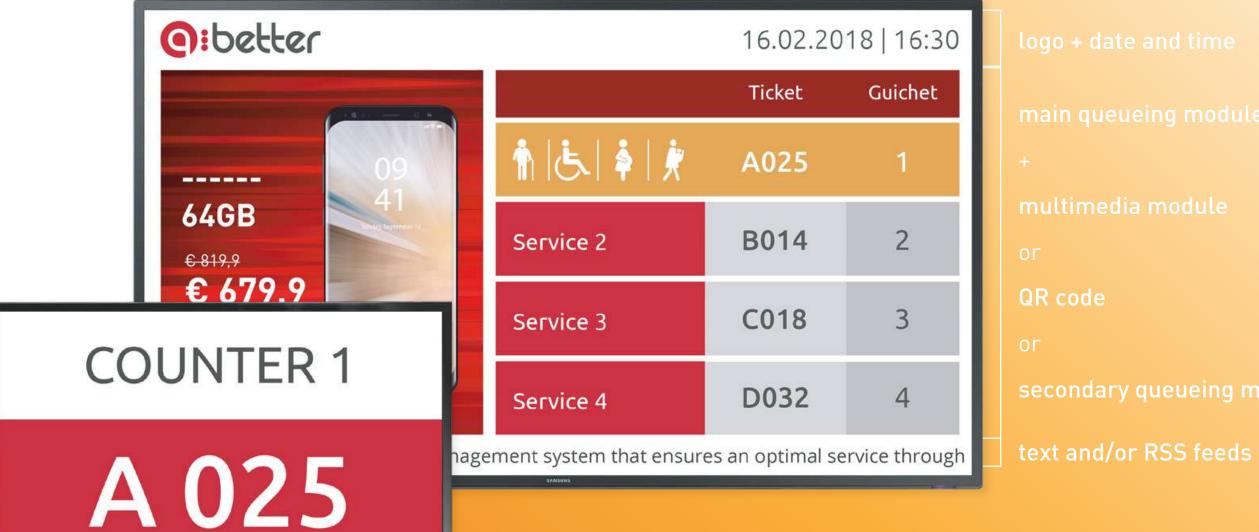
Given its customization settings, the player can be used for waiting area displays or counter displays.



#### **Intel NUC**

REF: **Q-BEPL** 

- RAM: 4GB | SSD: 240GB
- Better suited when large or Full HD multimedia items will be displayed



# Ticket dispensers

Ticket dispensers are a simple self-service solution for visitors to enter the queueing process. There are several models available to suit different industries and organisation sizes.

All ticket dispensers are compatible with any thermal paper roll with a width of 57 mm, a diameter of 80 mm maximum, and a core of 11 mm.



Multi-language content display



Ticket details sent by SMS or email



Paper with ticket details



Forms to gather visitor information



Scan e-ticket QR code



Appointment check-in





# Ticket dispensers

10" or 15" classic

REF: Q-DTT10W/B

REF: Q-DTT15W/B

REF: **Q-DTT17W** 



10" compact

REF: Q-DTC10W



#### Supports:

- Desk stand (included)
- Wall mount

REF: Q-DTC10WM

- Floor stand

REF: Q-DTC10FSW

15" wallmount

REF: **Q-DTP15W/B** 



This model has a longer delivery time. Please consult our sales team about the availability of this product.

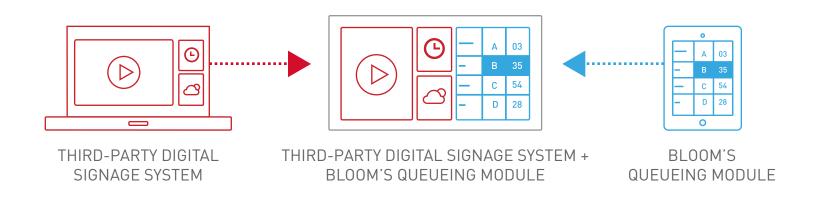


# Integrations

Bloom Enterprise includes useful integrations to allow organisations to explore its full potential.

#### **DIGITAL SIGNAGE INTEGRATION**

Easy integration of the queueuing module with third-party digital signage systems compatible with HTML5.



| When using this integration, calling sounds will not be available.

The HTML renderer needs to support WebSockets and Canvas2D (HTML5).

If a different and more flexible layout of the queuing information is required, it is also possible to integrate via REST API that supports XML and JSON. Integration via Websockets is also possible and strongly recommended, since REST API requests will require higher server requirements.

#### COMMUNICATION

To send notifications by email, Bloom Enterprise can be integrated with the email provider of the organisation.

To send notifications by SMS, it includes the following worldwide SMS providers: MessageBird and Sinch. Bloom Enterprise is also integrated with Kannel, allowing you to build a middleware that will connect the system to a SMS provider of your choice.

#### OTHER INTEGRATIONS

Includes integration for authentication process with Active Directory / LDAP server.

Daily export to a FTP/SFTP or SSH directory with a report of the tickets of previous day in CSV format.

| For further integrations, please consult our sales team. According to the case, either we provide the REST API documentation for you to build the integration or we presentation a quotation, if technical feasibility is confirmed.



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