

What's New



Ambiance 2.2.3 includes the following new feature:

Sharing Access to Guest Rooms and Suites

Using the PMS interface FIAS protocol, Ambiance now supports sharing rooms and suite rooms among multiple guests while managing guest keys independently. The keys that you make for the new registration do not invalidate keys from the original registration and can expire before or after the keys from the original registration. Check-out for each registration is also independent. You can check out any registration (original or shared) without invalidating keys for guests who continue to occupy a room or suite room.

Known Issues

This section lists known issues and provides detailed work-around instructions. An internal reference number may follow the issue description.

- **Guest Registration.** Guest keys updated remotely when a registration is modified for a shortened stay are still valid after check-out time. (23190)
- **Guest Registration.** Users cannot use the User Interface to modify a guest registration programmed through PMS using the custom number mobile identifier mode. (22621)
 -  Modify registration and reissue mobile keys through the PMS interface.
- **System Settings.** Database Backups & Archiving. The database backup directory does not accept a remote host name. (24168)
 -  Use the remote IP address.
- **System Settings.** Standing and wandering intruder online notification settings do not take effect immediately once modified. (27267)

- 🔗 Restart the Ambiance Server after modified settings are saved.
- **System Settings.** Upon configuring or modifying mobile key settings, there is currently no warning or notification indicating that all mobile-enabled access points require programming/reprogramming; and, access points are not flagged to be reprogrammed. (27186)
 - 🔗 Upon configuring or modifying mobile key settings, make sure to reprogram all mobile-enabled access points.
- **System Settings.** Upon configuring or modifying RFID key types in Advanced Settings from Standard (Mifare Classic) to Security Plus or the converse, there is no notification indicating that all access points require programming/reprogramming; and, access points are not flagged to be reprogrammed. (27166)
 - 🔗 Upon configuring or modifying RFID key types in Advanced Settings from Standard (Mifare Classic) to Security Plus or the converse, make sure to reprogram all access points.
- **Role Management.** Upon modifying system or key rights and switching tabs, the information modified on the previous tab is not saved. (27169)
 - 🔗 Save any changes before switching tabs.
- **Staff Management.** Replacement Keys can be assigned to a different key holder than the key holder of the original key. (27188)
 - 🔗 Verify the Replacement Key is assigned to the original key holder.
- **Staff Management.** A deactivated staff member can currently be set as an Operator with the ability to log in to Ambiance. (27139)
 - 🔗 Do not configure deactivated staff members as Operators.
- **Reports.** An intermittent issue causes errors the first time a report is generated. (23182)
 - 🔗 Generate the report again.
- **Key Reader.** Upon reading an Audit Key, the data that displays relates to the previous access point audit. (27332)

- 🔗 Read the key using the Key Reader, then go to the Reports module and generate an Access Point Audit Report for the audited access point.

Requirements

This section lists minimum requirements for installing and using Ambiance.

- 📄 Fresh installations require a new activation key for Ambiance 2.2.3.

Device Requirements

This section lists the embedded devices required to use Ambiance and the latest supported firmware versions.

- 📄 Ambiance is backwards compatible with all previous firmware versions.

Encoders

The following table shows the encoders that Ambiance supports and the latest supported firmware version.

| | |
|-----------|-------|
| KABA RFID | 1.012 |
|-----------|-------|

Maintenance Units

The following table shows the M-Units that Ambiance supports and the latest supported firmware version.

| | |
|-----|-------|
| HH6 | v1.52 |
|-----|-------|

Locks

The following table shows the locks that Ambiance supports and the latest supported firmware versions.

| | Boot | Main | Quantum | BLE | Zigbee |
|------------|------------|------------|------------|---------|--------|
| MT4, Pixel | 04.01.19.2 | 04.01.19.2 | 09.17.16.1 | 1.1.1.0 | 1.10x |
| RCU4 | 04.01.19.2 | 04.01.19.2 | 09.17.16.2 | 1.1.1.0 | 1.10x |
| RT+ | 07.26.19.4 | 07.26.19.4 | N/A | 1.1.1.0 | 5.12 |

| | Boot | Main | Quantum | BLE | Zigbee |
|------------|------------|------------|---------|---------|--------|
| Saffire LX | 07.26.19.4 | 07.26.19.4 | N/A | 1.1.1.0 | 5.12 |
| Confidant | 08.08.17.2 | 08.08.17.2 | N/A | 1.1.1.0 | 1.10x |
| RT | 06.14.18.2 | 06.14.18.2 | N/A | 1.1.1.0 | 1.10x |

Elevator Controllers

The following table shows the elevator controllers that Ambiance supports and the latest supported firmware versions.

| | Boot | Main | Quantum | BLE | Zigbee |
|----------|------------|------------|------------|---------|--------|
| MFC | N/A | 0.017 | N/A | N/A | N/A |
| EMCC | N/A | 20090929 | N/A | N/A | N/A |
| MCC 8/12 | N/A | 0.031398 | N/A | N/A | N/A |
| ECU/RCU4 | 06.11.18.2 | 06.11.18.2 | 09.17.16.2 | 1.1.1.0 | 1.10x |

Server Requirements


This section lists the minimum requirements for the Ambiance Server. Additional hardware resources may be required based on site configuration and usage.

Server Hardware Requirements

- Dedicated server
- CPU—2GHz/64-bit/quad core or faster
- RAM—16 GB or more
- Disk Drive Free Space—30GB (additional free space may be required depending on database backup and archiving settings)
- Network Controller—Gigabit Ethernet - 1Gb/second or more


Server Software Requirements

- Operating system—The following operating systems are supported:


 Before installing Ambiance, make sure that your Windows O/S installer is available.

- Microsoft Windows Server 2016/2012 R2 Standard (English)—Suitable for large and small-scale implementations and Online functionality.

- Windows 10 Pro/Enterprise (English)—Use for small-scale implementations only (recommended maximum of 200 access points and two encoders).

 Windows 10 Pro/Enterprise does not support Ambiance RX remote lock management, the online functionality implemented by deploying hubs.


- Database—SQL Server Express 2014/2017 or SQL Server 2014/2016

 Microsoft reports issues that prevent SQL Server from installing successfully on a Domain Controller. Avoid installing SQL Server on a Domain Controller.

- Supported Web browsers

 Recommended Web browser resolution: 1366 x 768 or greater.


- Google Chrome (latest)
- Microsoft Edge (latest)—Using Microsoft Edge with Ambiance requires that you add the Ambiance Server IP address as a trusted site. Go to Control Panel > Network and Internet > Internet Options > Security > Trusted Sites. Click Sites and add the Ambiance Server IP address.

 A Microsoft issue prevents the Edge browser from detecting/connecting to the Maintenance Unit. Consequently, access points cannot be programmed or audited without intervention. Open the Command prompt and issue the following command:

```
C:\windows\system32\CheckNetIsolation.exe LoopbackExempt -a -n=Microsoft.MicrosoftEdge_8wekyb3d8bbwe
```

- Microsoft Internet Explorer v11—Using Microsoft Internet Explorer with Ambiance requires that Internet security options be modified. In Internet Explorer, go to **Tools > Internet options > Security** tab > **Custom level**, enable the following options, apply the changes, then close and restart Internet Explorer:

- Run ActiveX controls and plug-ins
- Script ActiveX controls marked safe for scripting
- Allow META REFRESH
- Active scripting

 The Ambiance Server and the locks installed at access points must be configured for the same time zone.

Workstation Requirements

This section lists the requirements for Ambiance workstations.

Workstation Hardware Requirements

- CPU—2nd-generation Core i5 (2GHz+), 3rd/4th-generation Core i5 processor, or equivalent or faster
- RAM—8GB
- Disk Drive Free Space—50MB
- Network Controller—Gigabit Ethernet - 1Gb/second or more

Workstation Software Requirements

- Operating system—The following operating systems are supported:
 - Microsoft Windows 8.1 Basic/Pro/Enterprise
 - Microsoft Windows 10 Pro/Enterprise (English)
- Supported Web browsers



Recommended Web browser resolution: 1366 x 768 or greater.

- Google Chrome (latest)
- Microsoft Edge (latest)—Using Microsoft Edge with Ambiance requires that you add the Ambiance Server IP address as a trusted site. Go to Control Panel > Network and Internet > Internet Options > Security > Trusted Sites. Click Sites and add the Ambiance Server IP address.



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 - Run ActiveX controls and plug-ins
 - Script ActiveX controls marked safe for scripting
 - Allow META REFRESH
 - Active scripting

Network Requirements



If you have a firewall, configuration changes may be required to make ports accessible to the Ambiance Server.

The following table lists the default Ambiance Server port settings.

| Port | Protocol | Description |
|-------|----------|--|
| 80 | HTTP | Ambiance Web User Interface |
| 443 | HTTPS | Ambiance Web User Interface |
| 28000 | TCP | KABA RFID IP encoder |
| 8265 | TCP | PMS – Oracle FIAS Port configurable in KabaService.exe.config |
| 8264 | TCP | PMS – SAFLOK IRS Port configurable in KabaService.exe.config |
| 1619 | HTTP | PMS – SAFLOK Web Service Port configurable in KabaService.exe.config |

General Data Protection Regulation (GDPR)

dormakaba's privacy policy statement can be found on the server at the following location: `\Ambiance Server\GDPR`. Clients are encouraged to print a copy of the statement and have it available at your business premises for reference.

Ambiance Upgrades

The following upgrade path is supported:

- 2.2.2 to 2.2.3

This server upgrade requires upgrading any workstation client installation as well.

After the upgrade, restart the Ambiance Server and log in to Ambiance. The upgrade process preserves the Ambiance database.

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