



## MoonBeam™ 3 App overview

The MOONBEAM3 consists of three primary components – base unit, remote cover, and sentry. The mobile application provides a programming, configuration and log capture interface for the system. MOONBEAM3 supports uploading of log data to the web for review, management and administration.

MOONBEAM3 cloud reporting system offers support for online management of the system over the web. Development and integration of the web portal will involve updates to the mobile applications, development of a web-based API with support for mobile device to cloud connectivity and web interfaces to support the user roles. The web system utilizes a database system for data storage.



### Reporting App

- iOS based
- Cloud-based
- Strong recording and reporting capabilities
- Easy-to-use
- Uploadable options to synch with other reporting systems

The app is accessible from any iOS smart device with an operating system greater than 10.3 (MoonBeam Cloud Reporting) and the start up comprises of the following 3 steps:

- 1) Facility Set up – via excel worksheet for all
- 2) Updating all bootloader software
- 3) Commissioning the unit and tying it to the facility

Customer and administration interfaces are delivered through web-based interfaces. Any smart unit with access to the cloud reporting on the internet through some public or other WIFI should be adequate for the portal.

### ADMINISTRATION PORTAL

The administration portal supports tiered access allowing users to be assigned responsibility at a node in the tree of defined levels. The assigned node provides access to the systems contained in nodes below it in the tree. For example, the site administrator shall have access to all systems deployed within a site. All access is to be logged based by account and originating address.

Key features of the administration portal include:

- Enterprise management
- Site management
- Device management
- User management
- Activity management
- Log access
- Operational analytics
- Reporting

WEB API MOONBEAM3 will utilize a RESTful web service as the application programming interface between the mobile device applications and the web portal. Web API access must be performed over an encrypted connection to authenticated users.

Authenticated users are to be assigned access tokens limiting their authorization within the system.

### **MOBILE APPLICATIONS**

MOONBEAM3 is expected to incorporate a dedicated tablet for user operation of the system. The tablet requires periodic access to the internet for normal operation in order to support authentication, data transfer and messaging from the portal.

MOONBEAM3 requires that connecting mobile device to support both master and peripheral BLE operation in order to connect.

### **HOSTING**

MOONBEAM3 is to be developed for hosting on DIVERSEY information systems. MOONBEAM3 hosting and services are subject to HIPAA regulations. While the software shall be developed and implemented for compliance, regulations impact the use, and Diversey will not share data outside of the customer organization.

### **REPORTS**

DIVERSEY has outlined online reporting for the Moonbeam 3 product (MOONBEAM3). The reporting features utilize the accounts and access permissions managed on the site through the administration system.

Reports incorporate a combination of tabular data and graphs to illustrate the contained information. Users have access to only applicable information in the reporting system based on their authorization in the web portal.

Reports support the following filters for generation

- Device Location – Enterprise / Company / Site / Facility / Location
- Users
- Devices
- Rooms

- Room Types
- Surface Types

All reports support a configuration of the applicable date range for generation. Standard date ranges shall be added to the report specification (this year, last year, this month, last month).

#### **REPORT FORMATS**

- Online – HTML display of report data with interactive tabling and graphing
- Export – CSV or Microsoft Excel format files for offline use

Examples can be provided upon request.





# Export and Report

## Reports

All Sites ▾

All Facilities ▾

All Locations ▾

+

Show  entries

Log Time	Site	Facility	Location	Room	Room Area	User	Run Type	Duration	Status	Term Type	Device Name	Device Serial Number
9/19/2019, 9:01:48 PM	PRAIRIE RIDGE HEALTH-Main	Main Hospital	OR	OR 1	OR Terminal	Marsha Koehn	GENERAL	180	A	Run Time Complete	720C00251C	720C00251C
9/19/2019, 7:05:11 PM	PRAIRIE RIDGE HEALTH-Main	Main Hospital	OR	OR 2	OR Terminal	Marsha Koehn	GENERAL	180	A	Run Time Complete	720C00251C	720C00251C
9/19/2019, 7:01:05 PM	PRAIRIE RIDGE HEALTH-Main	Main Hospital	OR	OR 2	OR Terminal	Marsha Koehn	GENERAL	180	A	Run Time Complete	720C00251C	720C00251C
9/19/2019, 6:55:33 PM	PRAIRIE RIDGE HEALTH-Main	Main Hospital	OR	OR 2	OR Terminal	Marsha Koehn	GENERAL	180	A	Run Time Complete	720C00251C	720C00251C
9/19/2019, 6:49:33 PM	PRAIRIE RIDGE HEALTH-	Main Hospital	ICE	ICE	OR Terminal	Marsha Koehn	GENERAL	2	A	Cover Distance Motion	720C00251C	720C00251C

Export