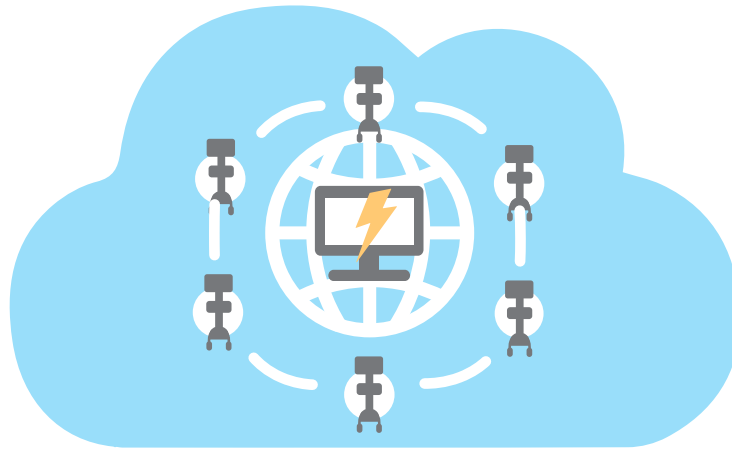# HOWARD med
TECHNOLOGY SOLUTIONS

SOFTWARE SOLUTIONS

POWER MANAGER

Power Manager is an intelligent, browser-based, enterprise application for centralized monitoring of a cart fleet's power systems and inventory management for the cart fleet.
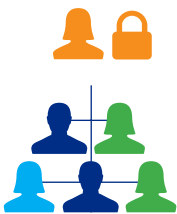
monitors power systems

receives and logs periodically-updated data of the cart's power systems

Power Manager's top administrator creates the accounts of users and assigns permissions of:
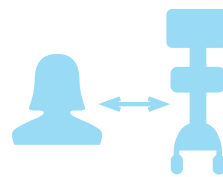
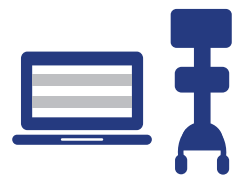multi-level admin. accounts

alarm profiles

notification groups

device groups

device profiles

automatically establishes communication with the server and collects the data logs
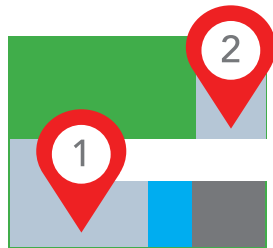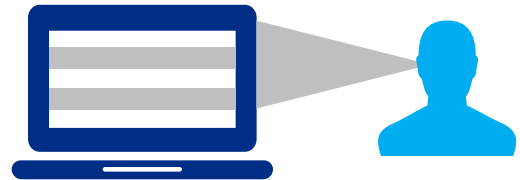
overload

10% battery capacity

alarm volumes

set your own alerts across multiple parameters throughout the cart fleet
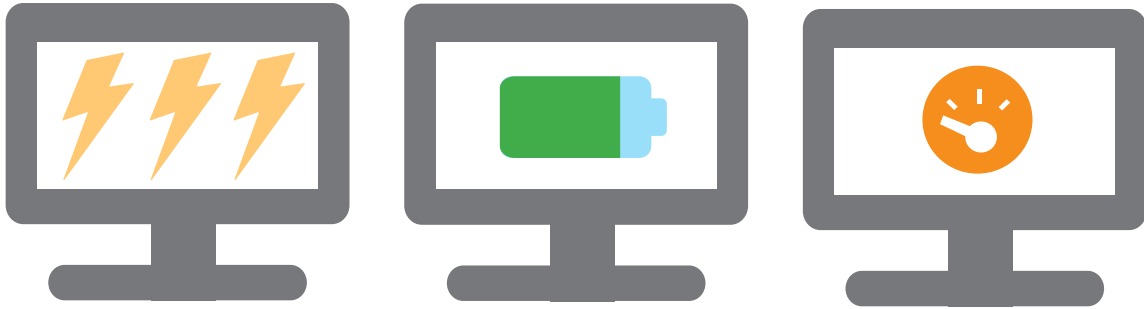
view the last two known locations

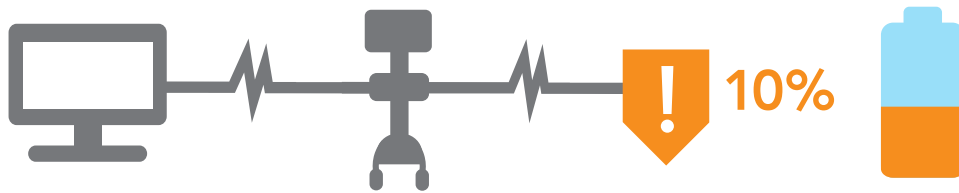keeps a power performance record of each cart

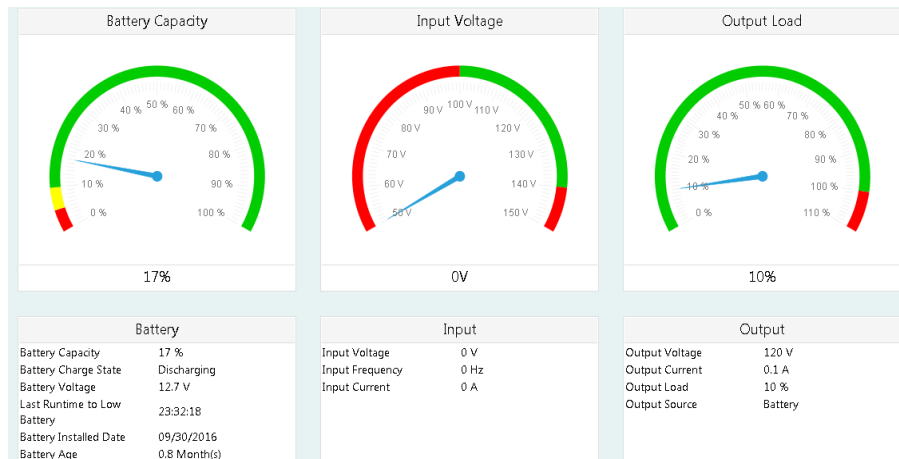provides real-time monitoring of power performance data

POWER DISPLAY

The **Power Display** client application retrieves detailed power and status data from the cart, and presents it through an easily accessible web service. This data can be viewed remotely on the customer's network, and includes charging history, estimated cart run time and battery health.

uploads power supply performance data to the enterprise Power Manager server

Battery Capacity	Input Voltage	Output Load
17%	0V	10%

Battery		Input		Output	
Battery Capacity	17 %	Input Voltage	0 V	Output Voltage	120 V
Battery Charge State	Discharging	Input Frequency	0 Hz	Output Current	0.1 A
Battery Voltage	12.7 V	Input Current	0 A	Output Load	10 %
Last Runtime to Low Battery	23:32:18			Output Source	Battery
Battery Installed Date	09/30/2016				
Battery Age	0.8 Month(s)				

local on-screen dashboard for monitoring local power performance data

provides local dashboard monitoring of other parameters such as:
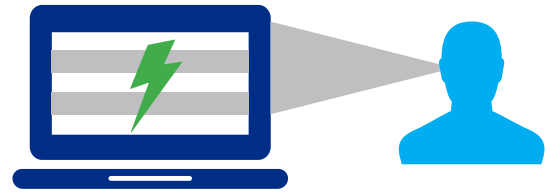
10% battery capacity
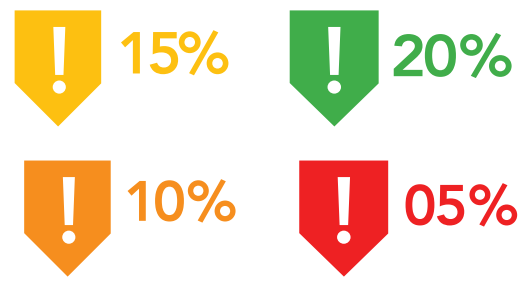
output load

100% battery charge state

input voltage

battery voltage

provides data graphs on historical power performance

periodically logs power supply data

the data can be accessed anywhere on the local network

15%   **20%**

10%   **05%**

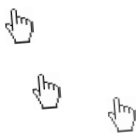allows you to set battery capacity alarm values locally

MED MANAGER

Med Manager is a remote enterprise application providing centralized management of fleet user accounts, cart settings, access to the carts and audit logs
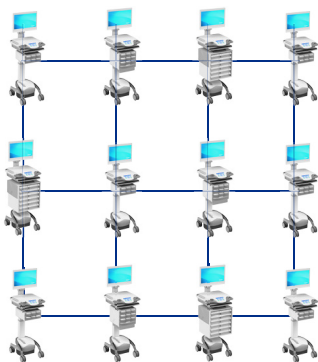
the drag and drop capability allows the admin to remotely manage users and carts by creating user groups and cart groups
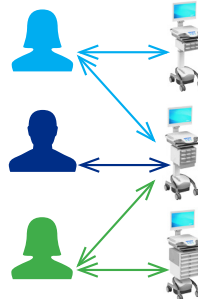
ICU NURSES
GROUP

ICU CARTS
GROUP

ICU
NURSES

ICU

manage large cart fleets

pair users with carts

set up cart profiles with cart group settings including:

🔒 relock timers

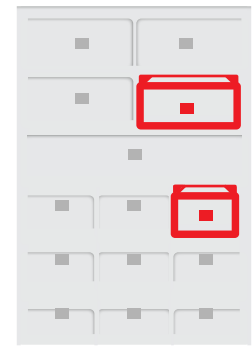🔔 alarm volumes

💊 pharmacy codes

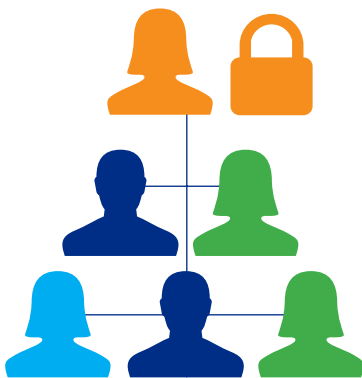narcotic access codes

👤 manager codes
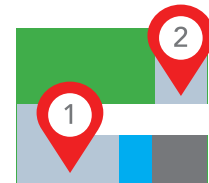
🏠 call home intervals

cart's call home feature automatically populates audit logs cart and retrieves new settings from Med Manager

audits and control narcotic access by time, user, and cart

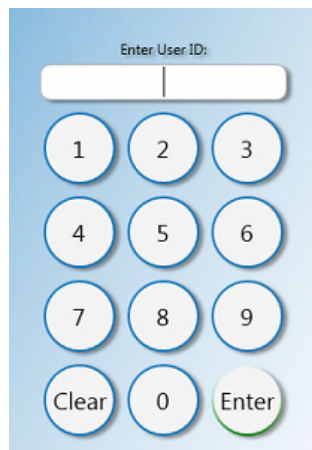supports multi-level administrative accounts
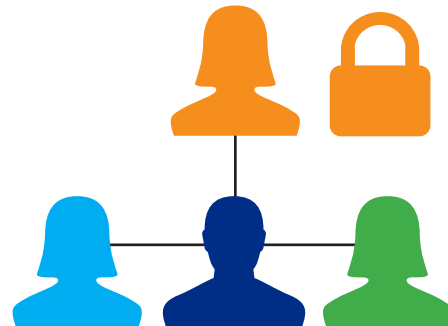
view the last two known locations

MED DISPLAY

Med Display is a local PC client application that provides a connection and remote access and allows a user to fully control, update, and administer all of a cart's electronic drawer functions from the local PC.

the simple user interface provides an on-screen keypad and visual drawer status to alert the user of any open drawers after relock

provides tools for locally managing the user list including adding/removing users

setup local cart profiles in cart group settings including:
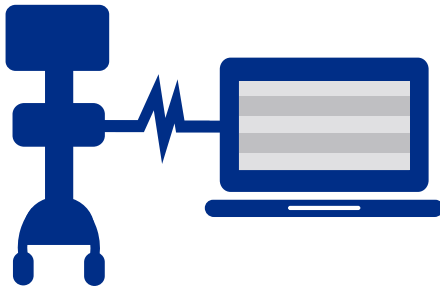
relock timers

alarm volumes

pharmacy codes

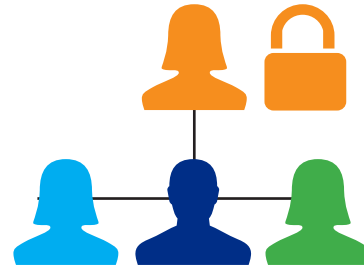narcotic access codes

manager codes
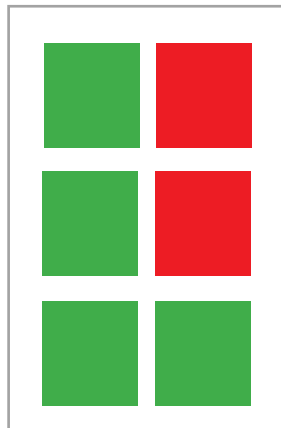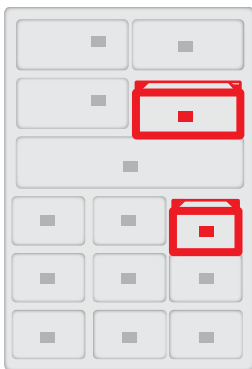
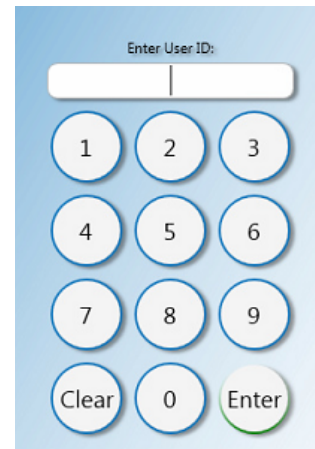Med Display provides access to the local audit records of the attached cart

security profiles from an administrator

*with the advanced electronics option—Med Audit provides a color-coded representation of the status of each drawer at relock

Enter User ID:

1	2	3
4	5	6
7	8	9
Clear	0	Enter

supports both an on-screen keypad and connected keyboard for securely accessing the cabinet

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