

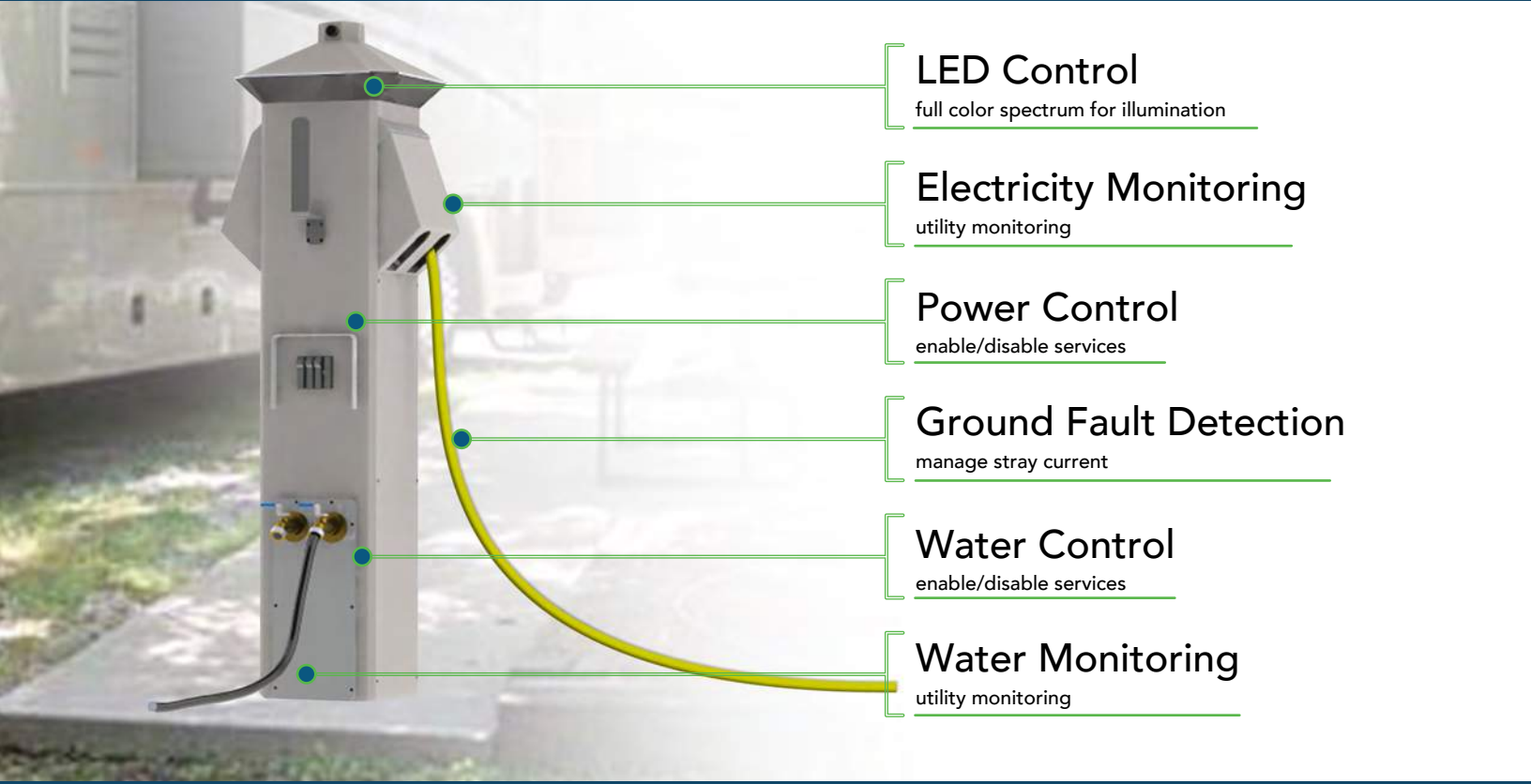
# MarineSync®



**RUM** | Remote Utility  
Monitoring & Control

# Remote Utility Monitoring

wireless monitoring & control for utility stations

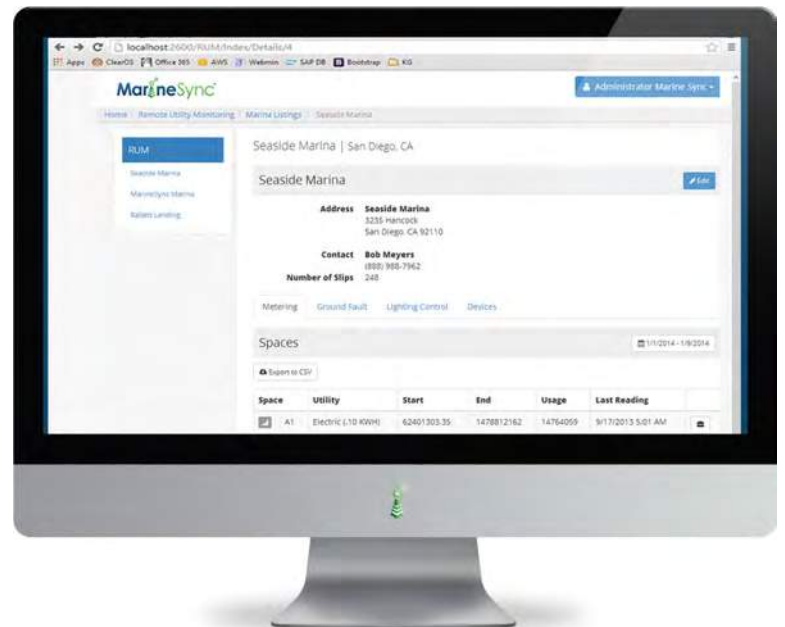


## Expand Connectivity

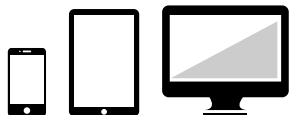
Monitoring and Control at your fingertips. RUM's cloud-based software is available 24/7 and accessible from any web enabled computer or device and integrates with 3rd party management software.

Features:

- Wireless Meter Reading
- Billing and Usage Reports
- Enable / Disable Pedestal Services
- Ground Fault Management
- LED Control



Access RUM from any web-enabled device.



# Wireless Monitoring



## Electricity Monitoring

RUM simplifies the process of billing and monitoring power consumption. RUM transponders are reliable and accurate making billing your customers quick and easy. Directly export meter data to your billing software in a single click.



## Water Monitoring

Wirelessly monitoring water consumption at each slip by connecting RUM to your new or existing water meter. A great way to encourage conservation and offer direct savings to your bottom line.



## Ground Fault Monitoring

RUM offers real-time monitoring and management of stray current at each slip. Isolate leakage and quickly reduce the potential for life threatening electrocutions.



# Wireless Control



## Lighting Control

Bring color to your docks with RUM's new integrated LED controller. Wirelessly control the color of lighting at the pedestals to create atmosphere at night or help guide boaters to your available spaces.



## Power Control

RUM power control allows your facility to wirelessly enable and disable electrical services at each slip. Prevent utility theft and curb power poaching.



## Water Control

RUM water control provides wireless control of water solenoids throughout your facility. Turn water utilities on/off remotely from any web-enabled computer.



# How It Works

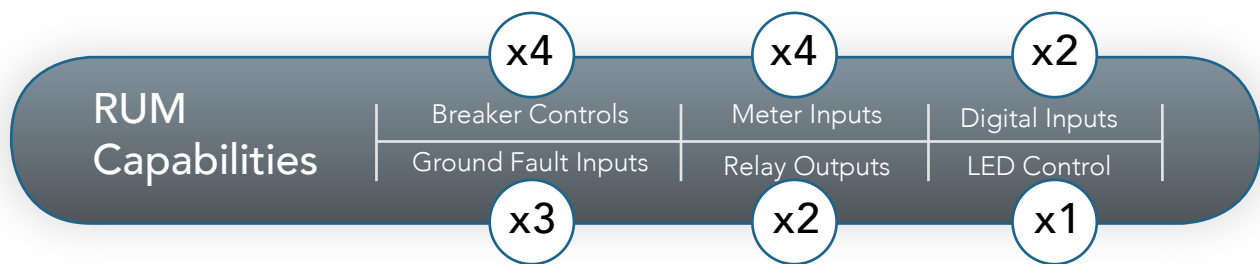
Remote Utility Monitoring, known as RUM, is a wireless meter reading and control system for landside and dockside utility stations. Developed for OEM and aftermarket retrofit, RUM is wirelessly changing how facilities gather information and control dockside utilities. With our easy to use web-based software, RUM puts monitoring, control, billing, reporting and management all at your fingertips.

## New Pedestals

RUM wireless monitoring and control is available factory direct on your next pedestal order! MarineSync works directly with pedestal and power station manufacturers to offer RUM as an integrated OEM solution. If you're in the market or purchasing new pedestals, consider the value and convenience of a wireless monitoring and control system.

## Existing Pedestal

RUM was designed to easily allow for retrofitting existing utility pedestal and power station. With a low-profile design and field-wiring terminals, upgrading land and dockside power stations is now simple and easy. MarineSync can also support your facility with UL and ANSI approved electricity meters, water meters and LED lighting.



## Technical Specifications

### Device Specifications

**Material:**  
Polycarbonate

**Dimensions:**  
4.6" x 3.17" x 1.18" (128mm x 120mm x 48mm)

**Weight:**  
.55lb


**Mounting:**  
4 x 3.5mm Lugs to Allow Panel Mount with Self Tapping S/S Screws

### Operating Specifications

**Operating Voltage:**  
12 - 24 VDC

**Power Consumption:**  
500 mW typical, 1900 mW peak

**IP Rating:**  
IP66

**Approvals:**  
FCC, CE, RoHS,  (Board)

**Operating Temperature:**  
-20C to +70C

**Humidity:**  
0 to 90% RH, non-condensing

### I/O Specifications

**Counter Inputs:**  
Dry Contact / Open Collector

**Ground Fault Current Input:**  
Range: 0 mA to 1 AMP  
Resolution: 0.5mA

**LED:**  
(3) Open-drain PWM Outputs  
Voltage: Input Supply  
Max Load: 2 AMP

**Relay Output:**  
(2) FORM-C, 5A, 250VAC

**Auxiliary Inputs:**  
(2) Dry-contact / Open Collector

\* Specifications subject to change