



### Monitor Functions

- In-bay heat or in-floor heat
- Air pressure and compressors
- Consumption:
  - Water
  - Electrical
  - Chemicals
- Water hardness
- Tank levels
- Softeners
- Wash cycles
- Third party devices
  - Vacuums
  - Vending machines
  - Change machines
- Vehicles in queue
- Receipt paper for entry stations

### Control Functions

- Entrance and exit bay doors
- Manage opening/closing hours
- Access control override
- In-bay or in-floor heat
- VFD dryer motor control
- Lighting – parking lots, storage rooms, canopy, menu boards, bay lighting, signs
- Wash packages and pricing
- Wash speeds
- HVAC
- Reclaim/spot free water control

# SITECONNECT 75™

Always On Watch. Always In Control.

# SITECONNECT 75™

### Introduction

The SiteConnect 75 is a standalone Remote Terminal Unit that provides a 16-bit 8-ch A/D converter, 32-ch Relay and 32-ch Digital Input. This controller also supports four serial communication ports and two networking interfaces.

### Specifications

#### General

- Power Consumption <10 W (Typical)
- Power Requirements 24 V<sub>dc</sub> (Typical) (10 V<sub>dc</sub> Min ~ 30 V<sub>dc</sub> Max)

#### Digital Input

- Channels 32
- I/O 24 V<sub>dc</sub> Bi-Directional
- Wet Contact Logic 0: 0 ~ 10 V Logic 1: 19 ~ 30 V
- Isolation 3000 V<sub>dc</sub>
- Connector Terminal Block (#14 ~ 22 AWG)

#### Digital Output

- Channels 32
- Contact Rating AC: 5A @ 250 V; DC: 30 V @ 5 A (Resistive Load)
- Isolation 500 V<sub>dc</sub>
- Connector Terminal Block (#14 ~ 22 AWG)

#### Analog Input

- Channels 8

#### Environment

- Humidity 5 ~ 95% @ 40°C (non-condensing)
- Operating Temperature -20 ~ 70°C (-4 ~ 158°F) @ 5 ~ 85% RH
- Storage Temperature -40 ~ 80°C (-40 ~ 176°F)

#### I/O Interface

- Serial Ports 4 Ports, 1 x RS-232, 3 x RS-485 (Automatic RS-485 data flow)
- LAN 2 x 10/100Base-T RJ-45 ports
- USB Port 1 x USB, OpenHCI, Rev. 1.1 compliant

# SITECONNECT 75™





## A New Age Of Car Wash Convenience

With the introduction of Kesseltronics' innovative **SiteConnect75**, wash operators and convenience store managers can now remotely monitor and control critical activities and devices at all of their wash sites, in real-time, from one central location. This leading edge technology provides you with the ability to minimize expensive emergency maintenance calls and the inconvenience of down-time for your loyal customers to help maximize your return on investment.

### Ease In Monitoring

The powerful software of the **SiteConnect 75** allows you to optimize car wash site efficiency by keeping you abreast of all the key activities at your wash locations. An easy to use web-browser interface becomes your window into your entire car wash network. Automatically receive alerts and updates on your computer or mobile device to know when there is an immediate problem, a potential malfunction or just that business is going well on a given day.

### Complete Control

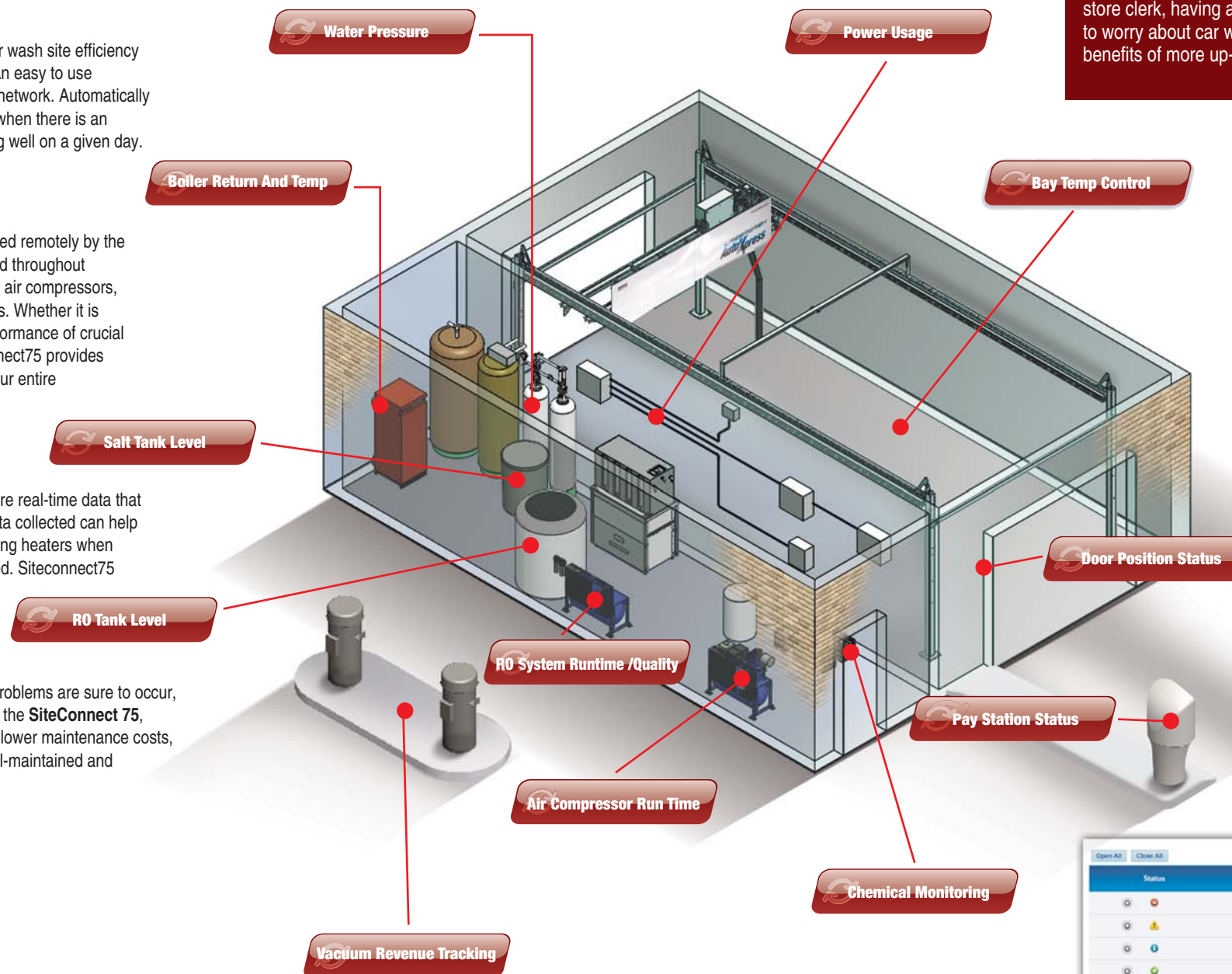
Virtually any function at your sites can be monitored, tracked or controlled remotely by the **SiteConnect 75** system through an array of sensors strategically placed throughout your sites. You will be able to monitor and control doors, bay/floor heat, air compressors, vacuums, vending machines and a host of other equipment and devices. Whether it is counting wash cycles, monitoring chemical inventory, checking the performance of crucial equipment, modifying wash packages or changing pricing, the SiteConnect75 provides continuous visibility and control of all the critical activities throughout your entire wash network.

### Analyze Your Data

One of the premier features of the **SiteConnect 75** is its ability to capture real-time data that can be used to analyze essential parts of your business operations. Data collected can help pinpoint inefficient activities at your sites such as leaking air lines, running heaters when not required or leaving lights on in the wash bay when your site is closed. Siteconnect75 reduces needless expenses that erode your bottom line.

### Immediate Alerts Equal Quick Action

With an operation like a busy car wash or 24-hour convenience store, problems are sure to occur, but they need not be catastrophic. With the immediate alerts function of the **SiteConnect 75**, benefits include advanced notice of a problem, reduced down-time and lower maintenance costs, but most importantly to ensure that your customers experience only well-maintained and operating wash bays.



### Promotions That Pay

By tracking your car wash volumes in real-time, the **SiteConnect 75** enables an operator to collect pertinent data that recognizes the busiest periods during a day or a week. More importantly, this same data can allow you to track your slowest periods enabling you to automatically offer promotions that can be used to increase volume through the car wash when the customer's wait time is the shortest. Managing throughput for any car wash is essential for maximizing your revenue, attracting new business and ensuring continued loyalty from your regular customers.

### Get Results Now

A happy customer, who leaves the car wash bay with a clean, shiny car while having a wonderful wash experience, is just one of the positive results of teaming up with the SiteConnect75. For the wash owner or the on-site convenience store clerk, having a 24/7/365 window into their car wash operations provides peace of mind when they no longer have to worry about car wash issues and unhappy customers. Tap into the power of the SiteConnect75 and realize the benefits of more up-time, higher throughput and increased profitability from all of your wash locations.

### Chemical Consumption

Minimize chemical outages with SiteConnect 75's unique feature for monitoring your chemical levels on site by using the alert functions that you can set up to notify you when it is time to reorder chemical before you have run out. Gain peace of mind by always knowing what your chemical levels are on site and maximize your ordering efficiencies by only ordering when chemical is needed.

### Centralize Your Data with Cortex

Increase the capabilities of your SiteConnect 75 system by connecting it with Kesseltronics Cortex Information Manager. Cortex provides both real-time and historical viewing of sales revenue, wash activity, machine alerts, and equipment status, allowing you complete visibility of your entire carwash network from one centralized dashboard. The detailed reporting functions within Cortex allow for accurate wash counts and sales revenue for any selected date range.

With 15 minute updated embedded weather information, you can quickly identify if a weather-related event is the cause of low wash volumes or if a good wash day fails to show the wash volumes that are expected.

Status	Name	Washes	Revenue	Average	Revenue Performance	Current	Weather Information	High	Low
🟡	Cedarburg, WI	20	\$160.00	\$8.00	25°F	30°F	3°F	19°F	21°F
🟡	Appleton, WI	07	\$63.00	\$9.00	25°F	20°F	4°F	10°F	10°F
🟢	Dapers, WI	36	\$252.00	\$7.00	25°F	30°F	2°F	9°F	12°F
🟢	Canton, OH	18	\$108.00	\$6.00	12°F	27°F	21°F	30°F	41°F

Critical Alerts: 1/28/14 12:00 AM - Cedarburg, WI - Access 2 - Device communication error