



INTEGRATED TELECOMMUNICATION SYSTEMS

# SCADA<sup>RF</sup> Telemetry System



**MOTOROLA**  
Certified MOSCAD Solution Provider



## PRODUCT OVERVIEW

The ITS SCADA<sup>RF</sup> solution is designed to give you complete design control of your Telemetry System. Created with the industry leading HMI InTouch® as the front end, SCADA<sup>RF</sup> gives you all the power of InTouch® while reducing the amount of programming expertise usually required to maintain and expand your telemetry system. Through the use of ActiveX objects and InTouch® wizards, SCADA<sup>RF</sup> provides all the tools to effectively manage and deploy SCADA solutions.

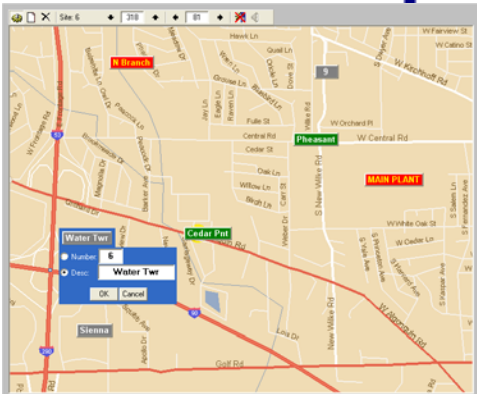
### Site Screen

The Site Screen provides a graphical and textual based view of your site. A site image representing your site is displayed in this ActiveX as well as any digital inputs that need to be displayed. InTouch® Analog and Digital Input Table Wizards are also provided to display input descriptions and configurable status messages and analog values. Built in support for input quality information is also provided.



### System Map

The System Map provides an overview of the entire system including alarm conditions and site navigation. Add new sites to the map by entering configuration mode while in Runtime and drag your new map icon to its correct location. Configure it to display a short site description or the site number and your new site is added!



Need to move an existing site? No problem! Just enter configuration mode and click, drag and drop the site icon to the new location.

### Site Configuration

All site configuration is completed in Runtime, at no time do you need to enter the InTouch® Development environment, WindowMaker. Configure Digital Inputs, Analog Inputs and Statistics for the site through the Site Configuration ActiveX.

- Create custom images for your sites using digital cameras or any drawing package supporting JPG, BMP or GIF formats or choose from one of seven site images contained in the SCADA<sup>RF</sup> Site Library.
- Represent your site inputs as one of the 140 pre-configured icons, create your own input icons or display your inputs as two-line text displays.
- Drag and Drop your input icons anywhere on your site image.
- Configure digital inputs as a status or alarm input. (An alarm input is defined as a critical site event that requires an operator acknowledgement, Pump Failure, while a status is a non-critical site event, Pump Running.)
- Change the alarm state for any digital input to Open or Closed.
- Change the Open/Closed message for the input.
- Configure Engineering Units for analog inputs.
- Adjust analog alarm limits.



SITE	DESCRIPTION	ACTIVE?	MOSCAD?	COMM RETRIES	COMM FAILS	TRANSMISSIONS	RECEPTIONS
1	Cedar Point	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	N/A	N/A
2	Phenacetin Di Tower #1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	N/A	N/A
3	Main Plant	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
4	Wingley 1360	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
5	Greenwood	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
6	Water Tower	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
7	North Branch	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	N/A	N/A
8	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	N/A	N/A
9	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	N/A	N/A
10	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	N/A	N/A
11	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
12	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
13	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
14	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
15	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
16	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
17	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
18	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
19	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
20	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
21	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
22	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
23	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
24	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0
25	Future Site	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	0	0

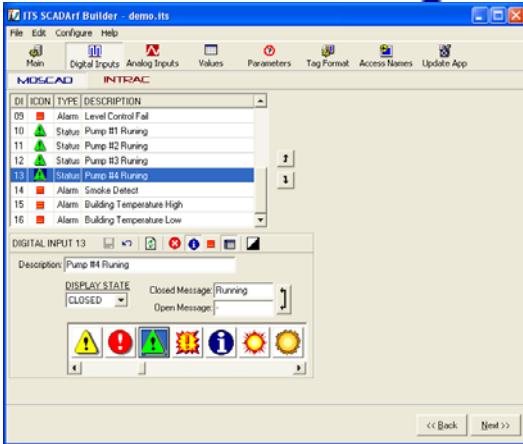
## System Manager

The System Manager ActiveX is designed specifically for the I/O used in SCADArf. It provides administrative tools to configure and maintain the system as well as providing diagnostic information for the system.

- Enable/Disable alarm logging (InTouch® 7.11 or higher).
- Enable/Disable alarm printing (InTouch® 7.11 or higher).
- Enable/Disable/Configure alarm WAV file played during unacknowledged system alarms.
- Acknowledge alarm system wide.
- Configure automatic Excel based reporting.
- Reset diagnostic information for each site.
- Make sites Active/Inactive.

## RF Tag Builder

The RF Tag Builder provides a simple way to create the site input template used as the basis for SCADArf. Stepping through this tool, you will configure all inputs, parameters and values for the site input template. It creates a load file for the SCADArf InTouch® application and will initialize the SCADArf database. Currently, the RF Tag Builder supports Motorola's MOSCAD and Intrac hardware via the Modbus protocol. Currently in development is an interface to support Allen-Bradley.



Contact **Integrated Telecommunication Systems** today to find out more about the SCADArf solution.

<http://www.itsinfo.com/scadarf.htm> | <http://www.itsinfo.com/itsdb.htm>

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