



**SUPERIOR** TRAFFIC  
SERVICES  
POWERED BY TESS®

# REAL-TIME TRAFFIC MANAGEMENT SYSTEM

**Superior Traffic Services** set the new standard for intelligent Portable Traffic Signal Control systems through the development of its revolutionary, patented intelligent **Real-Time Traffic Management System** and STS TESS LTC Controller.

The **STS Real-Time Traffic Management System (RTTMS)** is the only Portable Traffic Signal Management Software that allows you to Program, Monitor, and Control your Temporary Portable Traffic Signals in Real-Time from anywhere with an internet enabled device. From simple single lane closures to the most complex multi-phase intersections, the **RTTMS** makes work easy for everyone.

All STS Signal Systems come equipped with the STS TESS LTC Controller and standard issue redundant radar & video detection, dual web cameras, and triple redundant wireless communication. With the **RTTMS**, these standard features make 24/7 Real-Time Configuration, Programming, System Status Monitoring, and Live Viewing of Traffic and Work Zones a walk in the park.



**TECHNOLOGY ENABLED  
SMART SIGNALS**





# SUPERIOR TRAFFIC SERVICES

POWERED BY TESS®

## REAL-TIME TRAFFIC MANAGEMENT SYSTEM WITH LIVE WEB INTERFACE

System Status	Name	LTC228	Status	Auto	Sched	No	Mode	Cycling	MCU Volt	12.2 V	MCU Watts	14.4 W	MCU Temp	113.0 F							
Current Profile	Sequencing Signals	Phase #	Name	Grn Max	Grn Min	Grn Idle	Yellow	Clear	Ped Flash	Adv Flash	Solid Green	DMU	Flash Left	Ped Head	Auto-Ped	Adv Flash	SBI	Skip	Hold	Jump	
		1	SB US-95	240	30	12	3	55	0	0	LTC107 Std								Skip	Hold	Jump
		2	NB US-95	240	30	12	3	55	0	0	LTC228 Std										Jump
Recent Activity	LTC107 Std	Cmd Phs	<div><div>102</div><div>119</div><div>197</div></div>																		
	SB US95 Veh		<div><div>102</div><div>362</div><div></div></div>																		
			<div><div></div><div></div><div></div></div>																		
Recent Activity	LTC228 Std	Cmd Phs	<div><div>157</div><div>58</div><div>196</div></div>																		
	NB US95 Veh		<div><div>158</div><div>57</div><div>364</div></div>																		
			<div><div>151</div><div>13</div><div></div></div>																		
Dimming	Mode	AutoUpdate	Low Power	31%	Full Power	40%	Dim Before	05:52:22	Dim After	19:49:37	Currently Dimming?	No									

LTC107-Cam1 2018/08/20 09:29:00

MULTI-LANE VEHICLE DETECTION

Win 1 | 15% | 85 | Win 2 | 15% | 85 | Win 3 | 15% | 85

LTC107-Cam2 2018/08/20 10:04:49

TIME STAMPED IMAGES

Win 1 | 15% | 85 | Win 2 | 15% | 85 | Win 3 | 15% | 85

LTC228-Cam1 2018/08/20 09:29:00

TRAFFIC FACING WEB-CAM

Win 1 | 15% | 85 | Win 2 | 15% | 85 | Win 3 | 15% | 85

LTC228-Cam2 2018/08/20 09:28:59

WORK ZONE FACING WEB-CAM

Win 1 | 15% | 85 | Win 2 | 15% | 85 | Win 3 | 15% | 85

### RTTMS DASHBOARD

- Displays RYG Phase and Cycle Values
- Displays Vehicle Demands, Counts, and Gaps
- Displays Current and Historical Cycle Times
- Displays GPS Location Map with Compass
- Displays LTC Systems Status and Temperature
- Displays Current Battery Voltage and History

### REDUNDANCY = RELIABILITY

Each **TESS LTC Controller** contains 3 radios, 900 Mhz radio, 2.4 Ghz WiFi, and Cellular. The LTCs communicate with each other over the strongest of the radio links. With 3 redundant options, you can be sure your signal system is communicating reliably.

### LIVE REMOTE ACCESS

Each Client and Project Stakeholder are given login access to our **RTTMS Dashboard Web Interface** and **TESSmobile** Smartphone App. You'll be able to view the same displays our control center is monitoring in Real-Time, including Live time-stamped video images of both traffic and the Work-Zone.

### STS TRAFFIC MANAGEMENT CENTER

The **STS Traffic Management Center** is staffed 24/7/365 by ATSSA Certified Flaggers to continuously monitor the Real-Time Traffic Management System for your Project. **Level 1 Monitoring** includes broad level systematic monitoring by our control center and is standard issue on all STS Signal Systems. **Level 2 Monitoring** includes dedicated staff members closely monitoring all systems and remotely managing traffic around the clock. The **STS Network Watcher** system continuously monitors all systems for early and instantaneous text/pager notification of system status faults or threshold violations. Let the STS Control Center be your next 24/7 Onsite TCS!

## 24 / 7 LIVE REMOTE MONITORING, CONTROL, & ACCESS

