



▶ WESTERN SYSTEMS  
FEATURING SIEMENS ITS  
USERS GROUP FOR THE  
NORTHWEST REGION..... 1



▶ SPECIFICS ON TOPICS THAT WILL  
BE COVERED ..... 2

# Western Systems

**\*\*COME JOIN US!!**

**ON THURSDAY, AUGUST 12TH  
AT THE WSDOT-NW REGION  
CITY SHOP\*\***

ADDRESSING THE NEEDS OF INTELLIGENT  
TRANSPORTATION SYSTEMS, COMMUNICATIONS  
AND NETWORKING  
SOLUTIONS

## Users Group Meeting I2 & NextPhase

*Western Systems offers our customers the unique opportunity to purchase complete traffic and communication network solutions. Western Systems is a valuable source for your traffic needs.*

## Helping you achieve your traffic objectives

Western Systems is proud to welcome you to its first ever newsletter. For you that are not familiar with our company, Western Systems is your local expert in transportation, communications and network solutions. We incorporate an abundance of brands that are well known nationally and have provided significant solutions to today's traffic issues. Our first newsletter is soliciting interest in a SIEMENS ITS USERS GROUP for the Northwest region. The Users Group will meet bi-annually

and is intended to be a forum for training and support. The Users Group will be a peer network for agencies using SIEMENS ITS central systems. Each Users Group will cover specific topics about ACTRA, i2TMS, INSIGHT, TACTICS, SEPAC, Next-Phase, SCOOT, ACS Light or Next-View depending on local interest. The Users Group will meet at different regional areas, so those agencies with limited travel budgets have a better opportunity to attend.



## SIEMENS ITS

Siemens is the provider of leading-edge traffic technology for the fast-paced Intelligent Transportation Systems world. Whether providing local controllers, controller firmware, central systems, or integration SIEMENS brings innovative and reliable solutions to customers. Siemens has a long history of quality and innovation in transportation control and management. Coupled with proven products and development experience, as well as highly regarded consulting services, we form the world's foremost traffic control and transportation management company.



## WESTERN SYSTEMS

909 SE Everett Mall Way #A120  
Everett, WA. 98208

# Getting the most from our traffic control

“Your number one resource for transportation and communication network solutions.”

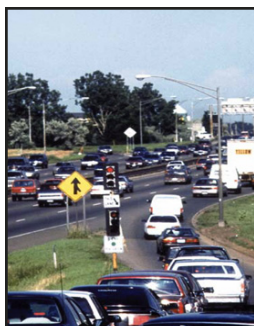
### WESTERN SYSTEMS

#### NEXTPHASE

NextPhase intersection management software is a next-generation approach structured to satisfy the most demanding of modern traffic signal control applications. NextPhase is easily configured and maintained by field operations/maintenance personnel. NextPhase is designed to tap the power of the new Advanced Transportation Controllers, such as the Model 2070 controller. These "open platform" ATC controllers separate hardware from application software by defining a common controller hardware platform upon which multiple application software packages from multiple developers can operate. Open systems protect agency investments and reduce life-cycle costs by assuring a mechanism for agencies to upgrade software and functionality without being tied to a single supplier for these upgrades. NextPhase was designed from the ground up to take full advantage of open platform ATCs and provide capabilities not previously available.

#### **NEXTPHASE Features**

- 40 phases
  - 20 rings
  - 26 barriers
  - 20 overlaps
  - 10 preempts
  - up to 250 timing plans
  - Rings can operate independently
  - Any phase or overlap can be assigned for vehicle and/or pedestrian actuated operation
- Software configuration flexibility.



#### ACTRA

ACTRA is equipped with all the features of a closed loop system to support Masters and Master controlled intersections, ACTRA expands on this capability and provides a robust and expansive traffic control solution through the use of dynamic grouping. Dynamic grouping provides the ability for an intersection to be maintained by system control rather than through connection to a Master controller.

#### TACTICS

TACTICS Central v1.0 includes all of the features familiar to ACTRA and Marc NX users. A new streamlined HTML based user interface operates faster than ever while allowing the user to move from task to task with minimal delay. A new graphics package increases the flexibility of the map displays by allowing any map to be defined as a System, Area, or Local level map, or any combination thereof. DMS, Ramp meters, Intersection, and CCTV status icons display right alongside phase arrows, detectors, and crosswalks.

#### i2TMS

i2 is designed for ease of use to accommodate the multi-device, multi-jurisdiction expansion necessary for today's ITS applications. Expandable and customizable as an agency grows and changes, i2 provides a full featured, object oriented graphical user interface to support centralized management and control. The i2TMS graphical icons provide users easy and intuitive access to traffic control data, real-time data, parameter database, and graphical image files all from your desktop.

#### SEPAC

SEPAC is user friendly with an 8 line menu driven interface and accommodates a variety of traffic control features through its diverse programming. SEPAC firmware used in the EPAC M50 controller unit provides innovative and reliable technology that exceeds actuated controller standards.

#### SEPAC Features Include:

- 4 timing rings
- 16 vehicle phases
- 48 timing plans
- 16 overlaps
- 80 detectors

### **COME JOIN, WESTERN SYSTEMS AND SIEMENS USERS**

DATE: AUGUST 12TH  
TIME: 7:30am-3:30pm

LOCATION: WSDOT-NW Region Signal Shop  
WSDOT Signal Maintenance  
3700 9th Avenue S.  
Seattle, WA 98134

SIGN UP AT: [www.westernsystemsnetworks.com](http://www.westernsystemsnetworks.com)

Or

Call Zach Hoiting at (503) 349-5970  
for Information and Registration

## WESTERN SYSTEMS

We welcome our customers to visit our website, where they can get valuable product information, and register for our future Users Group meetings. Any questions, comments or ideas for future newsletters can be forwarded to Zach Hoiting at [zhoiting@westernsystemsnetworks.com](mailto:zhoiting@westernsystemsnetworks.com)

#### **CONTACT INFORMATION:**

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