



User's Group – Chicago

February 20-21, 2019

Tentative Agenda

Wednesday 2/20	Presentation	Speaker	Description
7:30 – 8:00	Continental Breakfast		Network with your peers and vendors
8:00 – 8:05	Opening Remarks and Introductions	Joel Wright – President, MoboTrex, Inc.	Welcome
8:05 – 8:30	Siemens Product Roadmap – Past to Present	Melissa Rodriguez – Siemens	Siemens has consolidated its hardware, firmware and central system software into a powerful, unified and backwards compatible new Linux-based system. Review the product roadmaps from past to future. You will understand the changes and how to futureproof your systems.
8:30 – 10:00	Sepac 5.0	Mike Grunewald – MoboTrex Jais Jose – Siemens	How to get the remaining useful life from your existing equipment and migrate to the next generation firmware SEPAC 5.0
10:00 – 10:30	Break	Vendor Display Area	
10:30 – 10:50	SPM – Signal Performance Metrics	Nader Ayoub – Iteris	What are signal performance metrics and how does Iteris' software work? How can you use Siemens M60 controller to harness the power of Iteris' SPM?
10:50 – 11:10	Connected Vehicles	Melissa Rodriguez – Siemens	It's all about the safety. CV technology can improve safety for certain use cases. What use cases are presently being demonstrated in various cities?
11:10 – 11:50	NEXT and VantageLive!	Nader Ayoub – Iteris	Your existing video detection systems are powerful data generation machines. Learn how VantageLive! can generate and present transformational data.
11:50 – 1:00	Lunch		
1:00 – 1:20	Wireless Cellular Systems	Mark Huntzinger – B&B Advantech	5G, IoT, LPWAN, 2G/3G cellular network sunsets, landline cost increases... We will describe what an ITS Engineer needs to know to do his or her job effectively with today's cellular technology along with real-world application examples.
1:20 – 1:35	15 Year LED	Steve Robertson – Dialight	15 year LED and the total cost of ownership
1:35 – 1:55	BBS	Jack Hastings – Myers Emergency Power Systems	Battery Backup's for Traffic Control, ITS and Safety Lighting



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1:55 – 2:15	Intersector Radar Detection	Brian Christopher – MS SEDCO	Brian will present the latest advancements in the new Intersector Family Products of Vehicle Motion Detector, Network Detector Card and Vehicle Data Collection.
2:15 – 2:45	Break	Vendor Area	
2:45 – 3:05	Pelco	Luis Lopez – Pelco Products, Inc.	Introducing a few of the more recent innovations in intersection hardware.
3:05 – 3:25	Carmanah EMS system	ITS Technician – MoboTrex	Carmanah's new EMS (Energy Management System) is a standard feature on all beacons, RRFB's and edge lit signs. The EMS allows enhanced programmability.
3:25 – 3:45	Power behind ITS	Jeff McAleer – ZincFive	Cities around the world are tapping into the fast-growing “internet of things” (IoT) to move people and vehicles more efficiently and safely. Jeff will provide insight revealing why so many municipalities are embracing ZincFive as the UPS solution to ensure the “internet of things” is always on!
3:45 – 4:00	Polara	Liz Aziz – Polara	
4:00 – 4:15	Frey Manufacturing	Mike Frey – Frey Manufacturing	Introducing a few of the more recent innovations in intersection hardware.
Thursday 2/21	Presentation	Speaker	Description
7:30 – 8:00	Continental Breakfast	Vendor Area	Network with your peers and vendors.
8:00 – 8:05	Welcome Back	Brent Katauskas – MoboTrex, Inc.	Opening remarks and speaker introductions.
8:05 – 8:30	NEMA to ATC Cabinet Comparison	Q&A with Ted Kimm and Brent Katauskas – MoboTrex	We will ask the cabinet experts questions
8:30 – 10:00	NEMA Cabinet Wiring Class – Part 1	Ted Kimm – Chief Engineer, MoboTrex	This class will be an introduction to the NEMA TS1 and TS2 cabinet wiring structure, as well as basic troubleshooting. This class is designed for Basic/Entry Level traffic technicians who are interested in becoming more familiar with the NEMA style cabinets and may benefit from basic troubleshooting instructions.
8:30 – 10:00	Transitioning from TS2 to ATC	Brent Katauskas, P.E. – Channel Sales Director, MoboTrex	This class will be an introduction to the ATC cabinet and compare NEMA TS2 hardware to the new ATC standards. The class will cover the key differences and the transition path between NEMA TS2 and ATC components, as well as highlighting the benefits and enhanced capabilities offered by ATC cabinets.



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10:00 – 10:30	Break	Vendor Area	
10:30 – 12:00	NEMA Cabinet Wiring Class – Part 2	Ted Kimm – Chief Engineer, MoboTrex	NEMA Part 2
10:30 – 12:00	ATC Cabinet Wiring and Troubleshooting	Brent Katauskas, P.E. – Channel Sales Director, Steve Mixson ITS Technician and Matthew Pedone ITS Technician, MoboTrex	This continuation from the morning session will cover the basics of installing and wiring the ATC cabinet. This includes programming the conflict monitor, programming the controller, and connecting the field wiring. The class will also cover basic troubleshooting steps including how to utilize the new features of the conflict monitor and auxiliary display unit.
12:00 – 1:00	Lunch		
1:00 – 1:30	The Central System – TACTICS	Q&A with Jais Jose, Mike Grunewald and Dan Elder – MoboTrex	We will ask the central system experts questions
1:30 – 4:00	TACTICS from the Office	Mike Grunewald – MoboTrex and Jais Jose - Siemens	MARC: Using the Marc Feature to control arterials. Marc master Time of Day commands; Dynamic Time-Space Diagrams Enterprise/Central: Using the Zone Feature to control arterials. Zone Time of Day commands; Critical Alarms; Dynamic Time-Space Diagrams
1:30 – 4:00	TACTICS from the Street	Steve Mixson, MoboTrex	Using Tactics at the cabinet. Upload/Download/Compare/Active Status – Serial and IP; direct to controller, through a network switch; through a Marc master; managing multiple databases

There will be an afternoon break on Thursday