iCITE Product Line

DATA AGGREGATOR (DA-100® SERIES)
HOUSEKEEPING

WEBINAR

• Everyone is on mute
• Ask questions via the question section in your tool bar
• I’ll open up the end of the webinar for questions
• TARP points will be given for this webinar if you need them for your IMSA certificates

Poll 1 / Poll 2
DA-DATA AGGREGATOR™

The first system to provide cost effective remote traffic cabinet status and intersection data without a central system using a Cellular network.
FEATURES

• Real time data
• Remote Accessibility
• Designed for Traffic signal Cabinets
• Easy to install
• Controller / Cabinet agnostic
• Data streamed to a Cloud based server
CONFIGURATIONS

• **Communications**
  – GSM (3G), WiFi, Ethernet

• **Cabinet Configurations**
  – NEMA: TS1 (Type 1 and 2), TS2
  – CALTRANS: 332, ITS (future)

• **MMU’s**
  – EDI: MMU2-16LE / 2010ECL (ip)
  – RAE: MMU2-1600 GE
TRAFFIC SIGNAL TECHNICIAN / ENGINEER

BENEFITS

Remote access to cabinet status and parsed intersection data
Perfect to access remote intersections where there is no connectivity to central
Alarms generated via SMS to on-call staff
Detector counts and diagnostics through Eberle Oracle™ detectors
Voltages and signal information from EDI / RAE Ethernet monitors (Caltrans and NEMA)
CUSTOMER NEEDS FOR DATA

DA-100 / 200 FULFILLS LOTS OF NEEDS

- Need to connect to remote intersection
- Back up to connected intersections
- Data Collection (DA-200)
- Safety and Security of intersection
- Performance measurements
- O-D information (DA-300)
DA-100
Data Aggregator

Where Big Data at your intersection begins
DA-100A DATA AGGREGATOR

DA-100A by EDI and Reno A&E features basic connectivity and functionality to provide the user essential information about the health of the cabinet and components.

Features
- Low cost IP-connectivity solution
- Small form factor
- Variety of connectivity options
- Compatible with Eberle Glance™ platform
- GPS enabled for self-locating and mobile position tracking
- Low power consumption
- Local data storage, supporting store and forward schemes when offline
- Real Time Clock supporting scheduling applications
- Internal 12VDC battery back-up for alarms during power failure.

Function
- Simple communications to intersection.
- Vital information about cabinet statistics
- Alarming on all state changes
- No traffic data
- Data plans for up to 5 years

Eberle Glance™
Parsed Data / Management Tool

DA-100A ™ Data Aggregator

Auxiliary Information
- TEMPERATURE / FAN / HEATER
- BATTERY BACK UP SYSTEM STATUS
- VOLTAGES
- DOOR OPEN
DA-100B by EDI and Reno A&E features additional information regarding the cabinet that is derived by connecting to EDI / Reno A&E equipment to produce Performance Measurement information.

- **Sync pulse** generated by GPS to provide a way to keep controller time up to date.
- **SDLC communications** now capable of retrieving valuable information about the cabinet.
- **Oracle Detector Interface** provides a way to get accurate detector counts off the EDI Oracle® Detector.
EberleGlance™ or RenoGlance™ provides the user with the information that is sent from the intersection.
CONFIGURATION SOFTWARE

• Configuration software for viewing status of hardware or traffic cabinets
• Not a data analytics Software
• Google GIS Maps based user interface
• Provides alarms for cabinet malfunctions and other user identified alarms
• Graphs, logs and alarms for all devices in one location
System Information
CONCLUSION

SIMPLE AND COMPLETE

• Configuration for any type of cabinet or function
• Alarms can be modified to meet any needs
• Easy to install and set up
• Multiple alarm and alert levels
• Data is configurable for what is important to the end user.
## DA-100A VS DA-100B

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AVAILABILITY

Contact your EDI or Reno A&E distributor in your area.

We will be happy to work on pilot projects and demonstration sites, contact Matt Zinn directly.
TARP POINTS

INFORMATION NEEDED

IMSA Number
First Name
Last Name
Phone Number
Email Address
Agency / Company Name
City
State

This session is worth 4 points at (4 / hour)
THANK YOU FOR YOUR ATTENTION

Please contact me if you have any other questions:

Matt Zinn
Applications Sales/Technical Services Manager
Product Manager
Eberle Design, Inc.
mzinn@edittraffic.com
(602) 396-1947 – office
(602) 321-2969 – Cell