



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PROPRIETARY PRODUCT CERTIFICATION

630-020-07
PROGRAM MANAGEMENT
06/16

To: Mario Bizzio, P.E.
Design Engineer

Date: 04/12/2019

Financial Project ID: 442739-1-93-01 New Const RRR
Federal Aid Number: _____
Project Name: Adaptive Traffic Signal Interface with Train AVL Module
State Road Number: N/A Co. / Sec. / Sub.: Seminole County
Begin Project MP: _____ End Project MP: _____
Full Federal Oversight: No Yes Note: If Yes, submit to FHWA Director.

A justification and all supporting documents must be attached to this document.
Mark the appropriate certification:

"I, Charles Wetzel, P.E., PTOE, County Traffic Engineer, of the Seminole County
Print Name of Initiator *Position Title* *Name of Agency*

do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2),
Mark appropriately (choose only one option):

- that this patented or proprietary item is essential for synchronization with existing highway facilities.
- that no equally suitable alternative exists for this patented or proprietary item."

, 4/12/19
Signature Date

For Department Use Only

"I, Seung Dillmore, TSM+O Program Engineer
Print Name *Position Title*

of the Florida Department of Transportation, do hereby approve this certification request made in accordance with the
requirements of 23 CFR 635.411(a)(2).
Mark appropriately (choose only one option):

- that this patented or proprietary item is essential for synchronization with existing highway facilities.
- that no equally suitable alternative exists for this patented or proprietary item."

Identify any conditions and limitations

 FOR S.S., 4/12/19
Signature Date

PUBLIC WORKS DEPARTMENT
TRAFFIC ENGINEERING DIVISION



April 12, 2019

Mr. Mario Bizzio, P.E. – District 5 Design Engineer
Florida Department of Transportation
719 South Woodland Boulevard
Deland, FL 32720

Subject: **Justification for Use of Proprietary Products for ATMS Software – FPID: 442739-1-93-01**

Dear Mr. Bizzio,

Seminole County requests the approval of the attached Proprietary Product Certification Form No. 630-020-07, completed in accordance with Proprietary Products Review and Certification Procedure 630-020-005-a, adopted August 20, 2014, for the following proprietary product:

- Trafficware Group, ATMS.now Central Management System Traffic Signal Interface with Train AVL Module
This software is being requested for installation at the Seminole County TMC to enable enhanced operational interaction with the FDOT District 5 Integrated Corridor Management System and operations staff. This will allow activation of signal timing flush plans coordinated with real-time train AVL data within the County's ATMS software. Approving this proprietary product is required for consistency with the Seminole County's existing traffic signal system, since the County currently operates Trafficware's ATMS.now as the central Advanced Transportation Management System (ATMS) software. Further justification for the use of this proprietary product has been provided below.

Function

- FDOT District 5's Integrated Corridor Management System requires real-time traffic signal data from the local agencies responsible for maintenance and operation of traffic signals in the Central Florida area; the County operates and maintains traffic signals within the Seminole County. The Traffic Signal Interface with Train AVL Module provides enhancements to the County's existing ATMS.now software that enables activation of signal timing flush plans coordinated with real-time train AVL data within the County's ATMS software thereby enhancing the capabilities of Integrated Corridor Management.

Logistics

- The County operates the ATMS.now software, and the Traffic Signal Interface with Train AVL Module is a companion software from Trafficware—compatibility is guaranteed.
- The County has existing maintenance contracts with Trafficware that can be leveraged to support the Traffic Signal Interface with Train AVL Module installation without the need for a separate agreement with a different vendor.

Page 2
Mr. Bizzio
FDOT

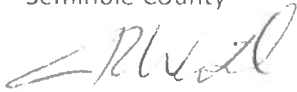
Training

- County TMC operators are familiar with ATMS.now, reducing the training burden for operation of an expansion module when compared to a completely separate software developed by a different vendor.

Synchronization

- Seminole County operates Trafficware's ATMS.now central control software from the County TMC. Traffic Signal Interface with Train AVL Module installation from Trafficware is required to guarantee compatibility with the County's ATMS.now software.
In summary, Seminole County is requesting approval for the use of the aforementioned proprietary product listed in this document.

Sincerely,
Seminole County



Charles Wetzel, P.E., PTOE
County Traffic Engineer