

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
PROPRIETARY PRODUCT CERTIFICATION

630-020-07  
SPECIFICATION  
08/14

To: Mario Bizzio, P.E.  
Design Engineer

Date: 01/12/2018

Financial Project ID: 442548-1-93-01 New Const.  RRR   
Federal Aid Number: N/A  
Project Name: Procurement of Signal Performance Metric (SPM) Software Module for City of Orlando  
State Road Number: N/A Co. / Sec. / Sub.: Orange County  
Begin Project MP: N/A End Project MP: N/A  
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, Benton StJ Bonney, PE, Transportation Systems Manager, of the City of Orlando  
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."

Digitally signed by Benton StJ Bonney, PE  
DN: cn=Benton StJ Bonney, PE, o=City of Orlando,  
ou=Transportation Engineering Division,  
email=benton.bonney@cityoforlando.net, c=US  
Date: 2018.03.29 14:02:49 -04'00'

Signature

3/29/2018  
Date

For Department Use Only

"I, JAMES S. STROZ, JR., DISTRICT TRAFFIC OPS. 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:

Signature

3/29/18  
Date

Financial Project ID: 442548-1-93-01

Federal Project Number: N/A

Name of Initiator: Benton StJ Bonney P.E., Transportation Systems Manager City of Orlando

ITEM	Patented or Proprietary Item is Essential for Synchronization with Existing Highway Facilities	No Equally Suitable Alternative Exists for this Patented or Proprietary Item	APPROVED	NOT APPROVED	IN SEMP
Trafficware Group, ATMS.now Central Management System Connected Vehicle Module	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



James S. Stroz, Jr, P.E.

District Traffic Operations Engineer



March 29, 2018

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:  
442548-1-93-01**

Dear Mr. Bizzio,

The City of Orlando Transportation Engineering Division 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 Connected Vehicle Module

This software is being requested for installation at the Orlando TMC to enable interaction with the FDOT District 5 Integrated Corridor Management System through publishing real-time traffic signal data from the City's ATMS software. Approving this proprietary product is required for consistency with the City of Orlando's existing traffic signal system, since the City 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 Greater Orlando Area; the City operates and maintains traffic signals within the City of Orlando. The Connected Vehicle Module provided enhancements to the City's existing ATMS.now software that enables publishing of real-time traffic signal data, thereby fulfilling some of the Integrated Corridor Management System's needs.

#### **Logistics**

- The City operates the ATMS.now software, and the Connected Vehicle Module is a companion software developed by Trafficware—compatibility is guaranteed.
- The City has existing maintenance contracts with Trafficware that can be leveraged to support the Connected Vehicle Module installation without the need for a separate agreement with a different vendor.

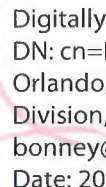
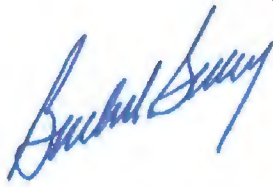
#### **Training**

- City 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

- The City of Orlando operates Trafficware's ATMS.now central control software from the City of Orlando TMC. Connected Vehicle Module developed by Trafficware is required to guarantee compatibility with the City's ATMS.now software.

In summary, the City of Orlando is requesting approval for the use of the aforementioned proprietary product listed in this document.



Digitally signed by Benton StJ Bonney, PE  
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Orlando, ou=Transportation Engineering  
Division, email=benton.  
bonney@cityoforlando.net, c=US  
Date: 2018.03.29 13:57:04 -04'00'

Benton StJ Bonney, PE  
Transportation Systems Manger  
City of Orlando