



STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

CERTIFICATION OF ELECTRONIC COMPONENTS

Traffic Operations Division

March 1, 2017

**TO:** Paul Frost, Chief Roadway Design Engineer  
**FROM:** Kevin Maxwell, Principal Signals, Lighting, and ITS Engineer  
**SUBJECT:** Recommendation for Certification of Electronic Components -  
Traffic Signal Controller for Southern Nevada

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Based on review of the following described electronic traffic related item, the Traffic Operations Division recommends that it be certified for the procurement as a patented or proprietary item in Nevada as documented here in.

**Manufacturer:** Trafficware

**Name and Model:** Model 980 ATC Traffic Signal Controller -  
TS1/TS2 Type 2 Controller with, Current Software,  
Ethernet & USB.

**Description of Device:** These are the state of the art devices that have been used over the years in Clark County. The controllers operate each traffic signal system and the software talks between controllers and back to RTC/FAST for total traffic operations command.

**Description of Need:** To maintain full compatibility and functionality with our Central/Local System Software and FAST Signal Performance Measurement System (SPM) software.

**Economic/Cost Analysis:** Cost is not seen as a relevant variable for this



certification.

**Jurisdiction/Extent:** Anywhere in Southern Nevada where RTC/FAST owns, operates and/or maintains traffic management infrastructure and ITS.

**Limitations/Conditions:** None

**Request for Certification other than the standard 2 years:** Not requested beyond the standard 2 year time frame

**Justification for Certification other than standard 2 years:** This justification is not necessary (see above)

**Justification for Certification:** Certification is necessary in order to operate the valley's traffic signal system.

**Synchronization**

**Function**

**Aesthetics**

**Logistics**

The Nevada Department of Transportation Chief Roadway Design does hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), that this patented or proprietary item is essential for synchronization with existing facilities

DocuSigned by:  
*Paul Frost*

3/8/2017

Chief Roadway Design Engineer

Date

**No Suitable Alternative**



The Nevada Department of Transportation Chief Roadway Design does hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), that no equally suitable alternative exists for this patented or proprietary item.

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Chief Roadway Design Engineer

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Date

Approved  Rejected

**NDOT USE ONLY**

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**Date of Certification:** March 1, 2017

**Certification Expiration:** March 1, 2019