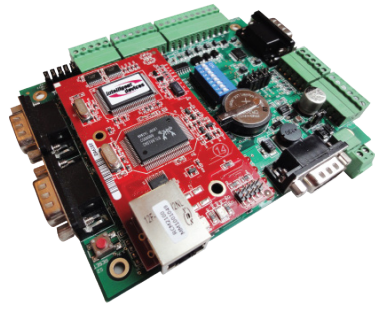


DELCAN TECHNOLOGIES EMBEDDED CARDS



These embedded cards can be used either to perform as the controller in an OEM ITS device or to upgrade any existing ITS device to NTCIP conformance.



In production since

2004

Number of cards deployed

10,000+

CONTROLLING ITS DEVICES

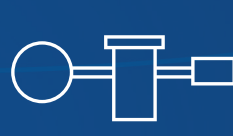
The embedded cards give you the ability to control:

- Weather Stations
- Flood Warning Systems
- Traffic Monitoring
- Cameras
- Ramp Metering Systems
- Dynamic Message Signs
- Overheight Detectors
- Pavement Temperature
- Fog Warning Systems
- Traffic Back-up Detectors



HOW IT WORKS

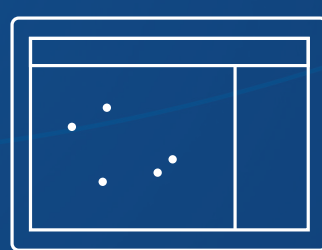
ITS DEVICES



The embedded cards are installed in, or can be used to upgrade, an ITS device. They connect sensors or hardware to the device using analog or digital inputs. Data and proprietary protocols are converted to NTCIP and sent to the central system.



EMBEDDED CARD



CENTRAL SYSTEM

THE CARDS



1100

The small size and powerful performance of the DTI 1100 controller makes it the perfect engine to control cameras, flood warning systems, and pavement temperature systems.



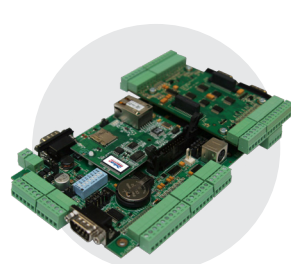
1601

Supporting an LCD and keyboard interface, the DTI 1600 is typically used to control portable message signs. The card comes standard with five serial ports, 16MB of flash storage, and an Ethernet port.



1931

The DTI 1931 can be used as translator or controller and supports Ethernet connections. The small controller features a powerful processor, more memory, and additional Flash memory options.



1965

With the ability to accept multiple expansion cards, the DTI 1965 is perfect for I/O intensive applications. It also supports an LCD and keyboard interface, and has powerful memory options.

SUPPORTED DEVICE ALERTS

Door Switch Sensors | Battery Voltage | Power Supply | Temperature

WHY CHOOSE DTI EMBEDDED CARDS?



Shorter Lead Times



Reduced Costs



NTCIP Standards

Delcan Technologies embedded cards can be installed and control all aspects of an ITS device. By combining the controllers, organizations can power entire traffic management systems.

SPECIFICATIONS

	1100	1601	1931	1965
FLASH (files)	-	16mb	16mb	16mb
MicroSD slot (files)	-	-	Up to 2gb	Up to 2gb
RS-232 serial ports (DB9M)	-	2	2	2
RS-232 / RS-485 serial ports	2	2	2	2
RS-232 serial port (10-pin)	-	1	-	-
Digital Inputs	-	8	8	24
Digital Outputs	-	4	4	8
Analog Inputs	-	4	4	8
Ethernet	-	10	10/100	10/100
LCD / keyboard interface	-	Yes	No	Yes
Optional expansion cards	-	-	-	Yes

Contact Delcan Technologies to learn more

delcantechologies.com | dti.sales@parsons.com | 770-831-3370

