

### **Stimulate - Measure - Record - Analyze**

Analog and Digital I/O, MIL-STD-1553, ARINC 429/561/568/629, ASCB, CSDB, ASYNC RS-232/422, HDLC/SLDC and more

MAXIM addresses the need for specialized databus and I/O test & measurement solutions that engineers and technicians can easily use and customize to fit their specific requirements.

MAXIM provides multi-protocol support in a single, powerful and easy-to-use software. With MAXIM, there is no need to buy, learn and maintain several different simulation and analysis software solutions. Whether your project involves designing, validation, manufacturing, simulation, flight-test, maintenance, certification or any other process, you need an integrated and flexible solution. MAXIM's "project-based" environment is easy-to-use and ready for expansion to support a variety of databus protocols and legacy I/O.

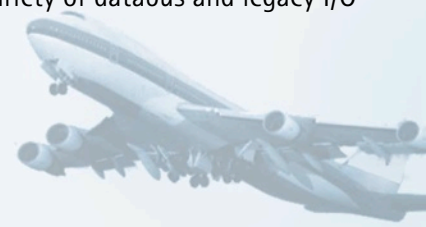
MAXIM covers a wide range of needs when handling real-time data information such as message scheduling, recording, playback, monitoring, real-time graphics and data analysis.



*MAXIM's "project-based" environment is easy-to-use and ready for expansion to support a variety of databus protocols and legacy I/O.*

### FEATURES

- ▶ Easy setup and automatic detection of multiple ARINC & I/O devices
- ▶ Multiple protocol and I/O including MIL-STD-1553, ARINC 429/575, ARINC 561/568, ARINC 629, ASYNC RS-232/422, ASCB, CSDB, HDLC, SDLC, Analog I/O, Discrete I/O and more
- ▶ Project-based environment
- ▶ Advanced engineering units translation
- ▶ Displays multiple channel windows simultaneously
- ▶ Single window display of all selected channels
- ▶ Multiple parameter graphic display (bar, chart, xy-plot, etc.)
- ▶ Bus monitor with message filter
- ▶ Bus simulator with dynamic data generation
- ▶ High performance bus recorder with label selection and trigger
- ▶ High precision bus playback
- ▶ Off-line playback analysis
- ▶ Very high precision timing accurate to one microsecond
- ▶ Time correlated information across all channels
- ▶ Java and VB Scripting
- ▶ Full bus load with high channel density support
- ▶ MAXIM's project-based integrated environment is very easy-to-use and ready for expansion to support a variety of databus and legacy I/O



# MAXIM

Test & Measurement  
Simulation and Analysis

## MAXIM EDITIONS



### MIL Edition

- Analog I/O
- Discrete I/O
- Serial ASYNC / CSDB
- Serial HDLC / SDLC
- ARINC 429
- ARINC 561
- ARINC 615 Data Loader
- ARINC 717 FDR
- ARINC 708 WX RADAR
- MIL-STD-1553



### CIVIL Edition

- Analog I/O
- Discrete I/O
- Serial ASYNC / CSDB
- Serial HDLC / SDLC
- ARINC 429
- ARINC 561
- ARINC 615 Data Loader
- ARINC 717 FDR
- ARINC 708 WX RADAR



### DATAC Edition

- Analog I/O
- Discrete I/O
- Serial ASYNC / CSDB
- Serial HDLC / SDLC
- ARINC 429
- ARINC 561
- ARINC 615 Data Loader
- ARINC 717 FDR
- ARINC 708 WX RADAR
- ARINC-629



### BRJ Edition

- Analog I/O
- Discrete I/O
- Serial ASYNC / CSDB
- Serial HDLC / SDLC
- ARINC 429
- ARINC 561
- ARINC 615 Data Loader
- ARINC 717 FDR
- ARINC 708 WX RADAR
- ASCB

### PRO Edition

ARINC 429	Serial ASYNC / CSDB	ARINC 717 FDR
ARINC 561	Serial HDLC / SDLC	ARINC 708 WXR
Analog I/O	ASCB	ARINC 629
Discrete I/O	ARINC 615 Data Loader	MIL-STD-1553

## Supported Carrier Boards

MAXIM can be used with MAX Technologies' PCI, CPCI, VME and PXI 400-series intelligent carrier boards.

## Ordering Information

Part Number	Description
MAX-SW-4200	MAXIM CIVIL Edition
MAX-SW-4300	MAXIM MIL Edition
MAX-SW-4400	MAXIM DATAC Edition
MAX-SW-4500	MAXIM BRJ Edition
MAX-SW-4600	MAXIM PRO Edition

## System Requirements

MAXIM requires a PC computer with a 700 MHz or faster processor, 256 MB of RAM (512MB recommended) running Windows XP.

[www.maxt.com](http://www.maxt.com)

Corporate Headquarters

7005 Taschereau Boulevard, 3rd floor  
Brossard (Quebec) Canada J4Z 1A7

Toll Free: (N. America) +1-800-361-1629

Direct: +1-450-443-3332 • Fax: +1-450-443-1618

**MAX**  
technologies