

MAXIM 2 – Version History

- 2.18.0.1 2017/03/01
 - Upgrade to MX-Foundation 3.91.1
 - Added preferences to allow other MX Foundation application to run at the same time of MAXIM.
 - Added preferences option to close instruments instead of hide.
 - Now install as 32-bit application.
 - Fixed issue with timebase in Message Map.

- 2.17.0.4 2017/03/01
 - Upgrade to MX-Foundation 3.88.
 - Added A629 CRC check in Monitor.
 - A629 TI in definition now in msec.
 - Fixed issue with event log.
 - Fixed UBNR offset problem.
 - Fixed issue with start of script with no modification.
 - Fixed analyzer channel update problem.
 - Fixed HANDSHAKE channel detection.
 - Fixed recorder/monitor/scheduler add channel issue.
 - Better management of A629 CRC and FC settings in scheduler.
 - Fixed issue with A629 SG in Message Definition Editor.
 - Better load time of script with many objects.
 - A629 scheduler data update in one label is reflected in other nodes with same label of same channel.

- 2.17.0.2 2016/09/13
 - Upgrade to MX-Foundation 3.87.
 - Added support for Windows 8/8.1/10.

- 2.17.0.1 2014/10/01
 - Upgrade to MX-Foundation 3.82.
 - CSDB default display in bytes.

- 2.16.0.2 2014/02/18
 - Upgrade to MX-Foundation 3.81.
 - MAXLoader added to installation.

- 2.16.0.1 2013/01/06
 - MAXIM now reset cards at start up.
 - Fixed access violation when accessing trigger of deleted channel.
 - Fixed problem with export that ignored filtering.
 - Upgrade to MX-Foundation 3.80.
 - Bug report engine updated.
 - Fixed issue that reports wrong carrier board boot version.
 - Support Win7 32/64-bit only.
 - MAXLoader removed from installation.

- 2.15.0.1 2012/04/19
 - New license model.

- 2.14.0.2 2011/10/24
 - Upgrade to MX-Foundation 3.74.

- 2.14.0.1 2011/06/30
 - Changes location of some files to be more friendly with Win7 and UAC.

- 2.13.0.9 2011/02/23
 - Function Generator for MIL-STD-1553 channels improvement.
 - Windows 7 32-bit support added.

- 2.13.0.7 2010/11/08
 - Allows MIL-STD-1553 mode command from SA31 to be viewed independent from SA0.

- 2.13.0.6 2010/10/14
 - MX-Foundation application are not allowed to run at the same time of MAXIM.
 - Function Generator for Analog and IO channels improvement.
 - Upgrade to MX-Foundation 3.72.

- 2.13 2009/06/03
 - PCMCIA-429 new attributes.
 - Fixed issue "TmxcProbe.GetAddress: Index out of bounds" with recording ARINC 429 bus traffic over a long period of time.

- Many User Interface improvements throughout MAXIM.
 - Upgrade to MX-Foundation 3.63.
- 2.12 2006/10/25
- HDLC protocol support added in the Recorder and in the Analyzer modules.
 - New MIL-STD-1553 Error Injection features added.
 - ARINC-429 special data types added: ADF, DME, GPSHV & ISO5.
 - Added features to the MAXIM FREE Edition.
 - Function generator :
 - Increased generation of data up to 1000 seconds.
 - Fixed Import issue
 - Carrier boards not synchronized together are supported with some restrictions.
 - Many User Interface improvements throughout MAXIM.
 - Upgrade to MX-Foundation 3.31.
- 2.1 2006/04/26
- The Definition Editor License can access the CSDB and ARINC-629 message definition files.
 - Upgrade to MX-Foundation 3.1.
- 2.0 2005/12/14
- Script feature added.
 - ASCB engineering decoding added.
 - MIL-STD-1553 Buffer sharing.
 - Improved User Interface for MIL-STD-1553 (For example, Aperiodic and Mode Command).
 - Many User Interface improvements throughout MAXIM.
 - Upgrade to MX-Foundation 2.84.
- 2.12.6 2007/03/15
- PCMCIA-429 SDI filtering feature added in the MAXIM Monitor.
 ARINC-629 Alternate Schedule feature added.
 The IPM-629-MRT rev.C7 is required.
 Many User Interface improvements throughout MAXIM.
 Version upgrade using MX-Foundation 3.4.
- 1.65 2005/08/24
- Maintenance upgrade using MX-Foundation 2.82.
- 1.64 2005/08/09
- Fixed an access violation error that could occur when loading a recorder session with trigger.
- 1.63 2005/07/15
- ASCB transmission feature added.
- 1.62 2005/07/04
- Improved User Interface for the Coded Mask feature.
 No Response detection for IPM-1553-MRT channels.
 The gap length is displayed according to the MIL-STD-1553 specification.
- 1.61 2005/06/07
- Version upgrade using MX-Foundation 2.8.
 New ARINC-429 Preference option for the Monitor, Recorder & Scheduler modules.
 Bits 8 to 27 may be swapped during transit to & from the remote equipment.
- 1.6 2005/05/16
- Version upgrade using MX-Foundation 2.79.
 New demo movies to show MAXIM features.
 Differed merge feature added in the Recorder.
 Rate feature added in the Function Generator.
 Several User Interface issues addressed.
- 1.59.2 2005/01/26
- Maintenance upgrade using MX-Foundation 2.76.
- 1.59.1 2005/01/19
- Maintenance upgrade using MX-Foundation 2.75.
 IRIG-B compensation support added.
 Support for 800 Kbps ARINC-429 busses using the IPM-MULTI IP module.

- 1.59 2004/12/23 Maintenance upgrade using MX-Foundation 2.73.
MIL-STD-1553 PLAYBACK feature added.
ARINC-708 PLAYBACK feature added.
IPM-MULTI support added.
- 1.58 2004/11/30 Maintenance upgrade using MX-Foundation 2.72.
Fixed an invalid first data that may be
returned while using the IPM-DIO-FIFO-48
in recording or monitor mode.
- 1.57 2004/11/26 IPM-422/CSDB channel type change issue addressed.
Fixed a floating point error that could occur
when loading a project.
- 1.56 2004/11/15 Recorder File Recovery feature added.
ASYNCR Recorder/Player feature added.
- 1.55 2004/10/18 Maintenance upgrade using MX-Foundation 2.5.
Chart X-Y in the Analyzer/Player module added.
- 1.5 2004/05/20 Support for ARINC-708 added.
Support for ARINC-717 added.
Keyboard marks feature added in a recording
session.
Marked records can be search by in an
analyzing session.
- 1.21 2004/04/11 Saving without confirmation option added.
- 1.2 2004/04/05 Support for MIL-STD-1553 added.
- 1.19 2004/02/09 PCMCIA library supports DIO.
- 1.18 2004/01/15 PCMCIA 429 is now compatible with other
MAXT 429 module.
- 1.17 2003/11/14 Enum Data can be traced in a chart.
Floating point values are stored as a double
precision floating point value.
New demo projects
When MAXIM license is expired, MAXIM
automatically runs in DEMO MODE.
- 1.16 2003/10/22 Floating point values are recorded as they
appear on screen.
- 1.15 2003/10/10 Multiple instance of Monitor containing the
same channel is correctly supported.
RateMin RateMax and RateNom can be changed
in Monitor, Recorder and Scheduler modules.
Hide/Show instruments global command.
Configure command associated to each channel
visible in Monitor, Recorder and Scheduler
modules.
- 1.14 2003/09/12 ARINC-629 database supports several MODX
and MODY values for the same label. MODX
and MODY are necessary to configure ARINC-629
schedule from the database.
ARINC-629 Database has been regenerated.
Merged file is visible in the recorder module.
New options are available in the recorder
module allowing to configure the automatic
naming for destination file(s).
(See Preferences/Recording Mode)
- 1.13 2003/07/22 ARINC-629 64 bits values issue addressed
ARINC-629 schedule mode is now saved in

- the project.
- 1.12 2003/07/16 Help added in the Message Map and in the Schedule Editor (only for ARINC-629) Windows
Improper links to the help file fixed
File visualization issue addressed
Message map access violation in offline mode issue addressed.
 - 1.11 2003/07/15 ARINC-629 double word values issue addressed
 - 1.1 2003/07/11 In the message definition editor we can now add items at the end of discrete values list. (Coded Mask, Enumeration and discretetes)
Generic fields can be traced and can have instruments (except for Generator)
Channel can be reassigned in the message list by the command "Selection>Assign new channel..."
New Edit Menu with Copy, Cut and Paste messages command.
Template Message View Feature.
X-Y Schedule Editor for ARINC-629
 - 1.08 2003/05/28 Field selection checkbox available in the recorder
Field caption is now displayed in the data file viewer
Active Field associated to a message is hidden when the message is unfolded
Active Field can be selected by the new command "Selection > Field Selection..."
 - 1.06 2003/05/21 Help was added for each module Recorder, Monitor and Scheduler.
Field selection dialog box added.
Display improvement for ARINC-629 protocol.
Periodic Recording available.
What You See Is What You Get (WYSIWYG) mode added.
Deletion of a field from a message node is now available in the Recorder, Monitor and Scheduler.
Trigger Count of 0 available.
Delta time (Time between each message) and Rate can be recorded and displayed.
 - 1.05 2003/04/18 Demo version.
 - 1.04 SP1 2003/04/18 Trigger issue addressed.
 - 1.04 2003/04/04 CID display and printing issues addressed.
 - 1.03 2003/03/18 PCMCIA support added.
 - 1.02 2003/03/17 Scheduler optimization.
Analog and Digital definitions added.
MAXIM Help File added.
 - 1.01 2003/03/03 User interface improvements.
 - 1.0 2003/02/12 Initial release.