DEVELOPMENT SYSTEM

TRACE MODE® 6 for Windows. Free development system. English version.

Free integrated SCADA/HMI-SOFTLOGIC-MES-EAM-HRM development environment **for 64000 I/O points** for process control and manufacturing management automation. Includes full set of editors and a profiler Runtime (for 1 hour of continuous operation in real time), history logger and alarm server. Autobuilding. Built-in drivers. ODBC/OPC/DDE support. Basic line. Electronic documentation in English. Technical support in English through www.tracemode.com Product code **FTM-6-64K-B-EN-WIN.** Price **Free of charges!**

TRACE MODE® 6 for Windows. Development system. English version.

Integrated SCADA/HMI-SOFTLOGIC-MES-EAM-HRM development environment for process control and manufacturing management automation. Includes full set of editors and a profiler runtime (for 2 hours of continuous operation in real time), history logger and alarm server. Autobuilding. Built-in drivers. ODBC/OPC/DDE support. English version. Comes with printed English-language documentation. Full technical support. Download edition

Professional line:

Number of I/O points	16	32	64	128	256	512	1024	2048	4096	8192	32000	64000
Product code	TM-6-16-P-EN-WIN	TM-6-32-P-EN-WIN	TM-6-64-P-EN-WIN	TM-6-128-P-EN-WIN	TM-6-256-P-EN-WIN	TM-6-512-P-EN-WIN	TM-6-1K-P-EN-WIN	TM-6-2K-P-EN-WIN	TM-6-4K-P-EN-WIN	TM-6-8K-P-EN-WIN	TM-6-32K-P-EN-WIN	TM-6-64K-P-EN-WIN
Price, USD***	**218**	**237**	**255**	**361**	**457**	**699**	**992**	**1040**	**1199**	**1315**	**1612**	**1889**

Upgrade (for TRACE MODE 5 users):

Product code				TM-6-128-P-EN-WIN-U		TM-6-512-P-EN-WIN-U	TM-6-1K-P-EN-WIN-U				TM-6-32K-P-EN-WIN-U	TM-6-64K-P-EN-WIN-U
Price, USD***				**262**		**525**	**743**				**1209**	**1412**

User Manual TRACE MODE® 6

User Manual 2 books of technical English-language documentation. English version.

Product code **RP-6-EN-WIN**. Price **150 USD***

Quick Start TRACE MODE® 6

Quick Start manual for beginners with step by step examples of simple projects creation. 1 book.

Product code **BS-6-EN-WIN**. Price **20 USD***

Project conversion TRACE MODE® 6 (shift from the basic to the professional line)

All projects developed in the basic line development system may be **converted** into professional format. The Price for conversion depends of number of I/O points. The users, who convert projects into the professional format are entitled to the **complimentary copy** of TRACE MODE professional development system.

Project's conversion from the basic to the professional format:

Number of I/O points	16	32	64	128	256	512	1024	2048	4096	8192	32000	64000
Product code	TM-6-16-P-EN-WIN	TM-6-32-P-EN-WIN	TM-6-64-P-EN-WIN	TM-6-128-P-EN-WIN	TM-6-256-P-EN-WIN	TM-6-512-P-EN-WIN	TM-6-1K-P-EN-WIN	TM-6-2K-P-EN-WIN	TM-6-4K-P-EN-WIN	TM-6-8K-P-EN-WIN	TM-6-32K-P-EN-WIN	TM-6-64K-P-EN-WIN
Price, USD***	**218**	**237**	**255**	**361**	**457**	**699**	**992**	**1040**	**1199**	**1315**	**1612**	**1889**

RUNTIMES of SCADA level (Servers)

Real time monitor (RTM) TRACE MODE® 6 for Windows. English version.

HMI-ENntime. **Main features**: data acquisition from I/O devices, primary data processing, process control with the IEC 6-1131/3 standard programs; HMI visualization of information on screens and trends, alarming, HMI-information provision through TCP/IP network to TRACE MODE clients and servers;

It includes real time server, graphical client, alarm server, drivers for controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. RTM 6 is licensed for **1 PC** with different number of channels. Download edition

Professional line:

Channels / Energy meters	15 / 2	31 / 2	63 / 2	127 / 2	255 / 16	511 / 22	1023 / 32	2047 / 45	4095 / 64	8191 / 90	32000 / unlim	64000 / unlim
Product code	RTM-6-16-P-EN-WIN	RTM-6-32-P-EN-WIN	RTM-6-64-P-EN-WIN	RTM-6-128-P-EN-WIN	RTM-6-256-P-EN-WIN	RTM-6-512-P-EN-WIN	RTM-6-1K-P-EN-WIN	RTM-6-2K-P-EN-WIN	RTM-6-4K-P-EN-WIN	RTM-6-8K-P-EN-WIN	RTM-6-32K-P-EN-WIN	RTM-6-64K-P-EN-WIN

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Price, USD***	197	199	201	203	454	1241	1862	2521	3565	4253	5316	6268
Basic line:												
Product code	RTM-6-16-B-EN-WIN	RTM-6-32-B-EN-WIN	RTM-6-64-B-EN-WIN	RTM-6-128-B-EN-WIN	RTM-6-256-B-EN-WIN	RTM-6-512-B-EN-WIN	RTM-6-1K-B-EN-WIN	RTM-6-2K-B-EN-WIN	RTM-6-4K-B-EN-WIN	RTM-6-8K-B-EN-WIN	RTM-6-32K-B-EN-WIN	RTM-6-64K-B-EN-WIN
Price, USD***	197	199	201	203	454	1685	2484	3126	4180	4893	6091	7170

Real time monitor (RTM) TRACE MODE® 6 for Linux. English version

HMI-ENntime for **Linux**. Main features: data acquisition from I/O devices, primary data processing, process control with the IEC 6-1131/3 standard programs; HMI visualization of information on screens and trends, alarming, HMI-information provision through TCP/IP network to TRACE MODE clients and servers;

Includes real time server, graphical client, alarm server, drivers for controllers and I/O devices. RTM 6 is licensed for **1 PC**. Download edition

Professional line:

Channels	15	31	63	127	255	511	1023	2047	4095	8191	32000	64000
Product code	RTM-6-16-P-EN-LX	RTM-6-32-P-EN-LX	RTM-6-64-P-EN-LX	RTM-6-128-P-EN-LX	RTM-6-256-P-EN-LX	RTM-6-512-P-EN-LX	RTM-6-1K-P-EN-LX	RTM-6-2K-P-EN-LX	RTM-6-4K-P-EN-LX	RTM-6-8K-P-EN-LX	RTM-6-32K-P-EN-LX	RTM-6-64K-P-EN-LX
Price, USD***	220	277	385	599	990	1644	2086	2799	3895	4894	7904	9395

Real time monitor + (RTM+) TRACE MODE® 6 for Windows. English version.

Main HMI-ENntime. **Main features**: data acquisition from I/O devices, primary data processing, process control with the IEC 6-1131/3 standard programs; HMI visualization of information on screens and trends, real time data storage to industrial RT DBMS SIAD/SQL 6, alarming, HMI-information provision through TCP/IP network to TRACE MODE clients and servers;

It includes real time server, server of the real time DBMS SIAD/SQL 6, graphical client, alarm server, drivers for controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. RTM+ 6 is licensed for **1 PC** with different number of channels. Download edition

Professional line:

Channels / Energy meters			127 / 2	255 / 16	511 / 22	1023 / 32	2047 / 45	4095 / 64	8191 / 90	32000 / unlim	64000 / unlim
Product code			RTM-P-6-128-P-EN-WIN	RTM-P-6-256-P-EN-WIN	RTM-P-6-512-P-EN-WIN	RTM-P-6-1K-P-EN-WIN	RTM-P-6-2K-P-EN-WIN	RTM-P-6-4K-P-EN-WIN	RTM-P-6-8K-P-EN-WIN	RTM-P-6-32K-P-EN-WIN	RTM-P-6-64K-P-EN-WIN
Price, USD***			596	999	1379	2074	2820	3962	4725	5907	6965
Basic line:											
Product code			RTM-P-6-128-B-EN-WIN	RTM-P-6-256-B-EN-WIN	RTM-P-6-512-B-EN-WIN	RTM-P-6-1K-B-EN-WIN	RTM-P-6-2K-B-EN-WIN	RTM-P-6-4K-B-EN-WIN	RTM-P-6-8K-B-EN-WIN	RTM-P-6-32K-B-EN-WIN	RTM-P-6-64K-B-EN-WIN
Price, USD***			862	1317	1872	2760	3474	4645	5437	6768	7967

OPC RTM+ (RTM+ with built-in OPC-server) TRACE MODE® 6 for Windows. English version.

The product has all features of RTM+, and also **a built-in OPC-server** for connectivity to third parties applications. It includes real time server, server of the real time DBMS SIAD/SQL 6, **OPC-server**, graphical client, alarm server, drivers for controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. OPC RTM+ 6 is licensed for **1 PC** with different number of channels. Download edition

Professional line:

Channels / Energy meters			127 / 2	255 / 16	511 / 22	1023 / 32	2047 / 45	4095 / 64	8191 / 90	32000 / unlim	64000 / unlim
Product code			RTM-PO-6-128-P-EN-WIN	RTM-PO-6-256-P-EN-WIN	RTM-PO-6-512-P-EN-WIN	RTM-PO-6-1K-P-EN-WIN	RTM-PO-6-2K-P-EN-WIN	RTM-PO-6-4K-P-EN-WIN	RTM-PO-6-8K-P-EN-WIN	RTM-PO-6-32K-P-EN-WIN	RTM-PO-6-64K-P-EN-WIN
Price, USD***			997	1458	1862	2697	3525	4953	5908	7154	8435

Real time monitor + with GSM interface (GSM RTM+) TRACE MODE® 6 for Windows. English version.

The product has all features of RTM+, and also has interface for connectivity to PCs and controllers run under TRACE MODE through GSM, SMS and GPRS.

It includes real time server, server of the real time DBMS SIAD/SQL 6, graphical client, alarm server, drivers for controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. **GSM and GPRS interface**. GSM RTM+ 6 is licensed for **1 PC** with different number of channels. Download edition

Professional line:

Channels / Energy meters				**127 / 2**	**255 / 16**	**511 / 22**	**1023 / 32**	**2047 / 45**	**4095 / 64**	**8191 / 90**	**32000 / unlim**	**64000 / unlim**
Product code				RTM-PG-6-128-P-EN-WIN	RTM-PG-6-256-P-EN-WIN	RTM-PG-6-512-P-EN-WIN	RTM-PG-6-1K-P-EN-WIN	RTM-PG-6-2K-P-EN-WIN	RTM-PG-6-4K-P-EN-WIN	RTM-PG-6-8K-P-EN-WIN	RTM-PG-6-32K-P-EN-WIN	RTM-PG-6-64K-P-EN-WIN
Price, USD***				**895**	**1399**	**1875**	**2579**	**3419**	**4559**	**5399**	**6699**	**7865**

Basic line:

Product code				RTM-PG-6-128-B-EN-WIN	RTM-PG-6-256-B-EN-WIN	RTM-PG-6-512-B-EN-WIN	RTM-PG-6-1K-B-EN-WIN	RTM-PG-6-2K-B-EN-WIN	RTM-PG-6-4K-B-EN-WIN	RTM-PG-6-8K-B-EN-WIN	RTM-PG-6-32K-B-EN-WIN	RTM-PG-6-64K-B-EN-WIN
Price, USD***				**1169**	**1717**	**2375**	**3259**	**4074**	**5245**	**6139**	**7568**	**8867**

Adaptive RTM+ (RTM+ with adaptive control) TRACE MODE® 6. English version.

It has all features of RTM+ and includes automatic (adaptive) PID-loops self tuning system. Adaptive RTM is based on original know how technology. Adaptive PID-loops self tuning ensures better quality of control at any time for a wide class of stationary and non-stationary processes being automated.

It includes real time server, server of the real time DBMS SIAD/SQL 6, graphical client, alarm server, drivers for the controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver, automatic (adaptive) PID-loops self tuning system It's licensed for **1 PC** with different number of channels. Download edition

Professional line:

Channels / Energy meters				**127 / 2**	**255 / 16**	**511 / 22**	**1023 / 32**	**2047 / 45**	**4095 / 64**	**8191 / 90**	**32000 / unlim**	**64000 / unlim**
Product code				RTM-PA-6-128-P-EN-WIN	RTM-PA-6-256-P-EN-WIN	RTM-PA-6-512-P-EN-WIN	RTM-PA-6-1K-P-EN-WIN	RTM-PA-6-2K-P-EN-WIN	RTM-PA-6-4K-P-EN-WIN	RTM-PA-6-8K-P-EN-WIN	RTM-PA-6-32K-P-EN-WIN	RTM-PA-6-64K-P-EN-WIN
Price, USD***				**1096**	**1499**	**1879**	**2574**	**3320**	**4462**	**5225**	**6407**	**7465**

Basic line:

Product code				RTM-PA-6-128-B-EN-WIN	RTM-PA-6-256-B-EN-WIN	RTM-PA-6-512-B-EN-WIN	RTM-PA-6-1K-B-EN-WIN	RTM-PA-6-2K-B-EN-WIN	RTM-PA-6-4K-B-EN-WIN	RTM-PA-6-8K-B-EN-WIN	RTM-PA-6-32K-B-EN-WIN	RTM-PA-6-64K-B-EN-WIN
Price, USD***				**1362**	**1817**	**2372**	**3260**	**3974**	**5145**	**5937**	**7268**	**8467**

Double Force RTM+ TRACE MODE® 6 for Windows. English version.

Double Force RTM+ contents **two** real time monitors (TRACE MODE® 6 SCADA/HMI real time servers) with automatic hot redundancy system.

It includes real time server, server of the real time DBMS SIAD/SQL 6, graphical client, alarm server, drivers for the controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. Automatic hot redundancy system. The product is licensed for **2 PC** with different number of channels. Download edition

Professional line:

Channels / Energy meters				**127 / 2**	**255 / 16**	**511 / 22**	**1023 / 32**	**2047 / 45**	**4095 / 64**	**8191 / 90**	**32000 / unlim**	**64000 / unlim**
Product code				RTM-PDF-6-128-L2-P-EN-WIN	RTM-PDF-6-256-L2-P-EN-WIN	RTM-PDF-6-512-L2-P-EN-WIN	RTM-PDF-6-1K-L2-P-EN-WIN	RTM-PDF-6-2K-L2-P-EN-WIN	RTM-PDF-6-4K-L2-P-EN-WIN	RTM-PDF-6-8K-L2-P-EN-WIN	RTM-PDF-6-32K-L2-P-EN-WIN	RTM-PDF-6-64K-L2-P-EN-WIN
Price, USD***				**1432**	**2417**	**3310**	**4978**	**6768**	**9508**	**11342**	**14177**	**16716**

Double Force Doc GSM RTM+ 6 TRACE MODE® 6 for Windows. English version.

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Double Force Doc GSM RTM+ contents **two** real time monitors (TRACE MODE® 6 SCADA/HMI real time servers) with automatic hot redundancy system, documentation and GSM support.

It includes real time server, server of the real time DBMS SIAD/SQL 6, Local Documentation server, GSM-server, graphical client, alarm server, drivers for the controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. Automatic hot redundancy system. The product is licensed for **2 PC** with different number of channels and templates. Download edition

Professional line:

Channels / Energy meters			**127 / 2**	**255 / 16**	**511 / 22**	**1023 / 32**	**2047 / 45**	**4095 / 64**	**8191 / 90**	**32000 / unlim**	**64000 / unlim**
Product code			RTM-PDFDG-6-128T10-L2-P-EN-WIN	RTM-PDFDG-6-256T10-L2-P-EN-WIN	RTM-PDFDG-6-512T10-L2-P-EN-WIN	RTM-PDFDG-6-1KT10-L2-P-EN-WIN	RTM-PDFDG-6-2KT10-L2-P-EN-WIN	RTM-PDFDG-6-4KT10-L2-P-EN-WIN	RTM-PDFDG-6-8KT10-L2-P-EN-WIN	RTM-PDFDG-6-32KT10-L2-P-EN-WIN	RTM-PDFDG-6-64KT10-L2-P-EN-WIN
Price, USD***			**2487**	**3903**	**5230**	**7332**	**9758**	**13180**	**15624**	**19406**	**22795**

DocRTM+ 6 (RTM+ with Documentation Server) TRACE MODE® 6. English version.

It has all features of RTM+ and also includes **report generator** for automatic building of html-format reports. The product provides data acquisition from I/O drivers, primary data processing, process control programming on the IEC 6-1131/3 standard programs; HMI visualization of information on screens and trends, real time data logging to industrial RT DBMS SIAD/SQL 6, **report generation**, alarming, HMI-information provision through TCP/IP network to TRACE MODE clients and servers.

DocRTM+ 6 includes real time server, server of the real time DBMS SIAD/SQL 6, graphical client, alarm server, **Documentation server**, drivers for the controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. **Doc RTM+ 6** is licensed for **1 PC** with double limitation on number of channels and document templates. Download edition

Professional line:

	Channels / Energy meters			**127 / 2**	**255 / 16**	**511 / 22**	**1023 / 32**	**2047 / 45**	**4095 / 64**	**8191 / 90**	**32000 / unlim**	**64000 / unlim**
3 document templates	Product code			RTM-PD-6-128-P-EN-WIN	RTM-PD-6-256-P-EN-WIN	RTM-PD-6-512-P-EN-WIN	RTM-PD-6-1K-P-EN-WIN	RTM-PD-6-2K-P-EN-WIN	RTM-PD-6-4K-P-EN-WIN	RTM-PD-6-8K-P-EN-WIN	RTM-PD-6-32K-P-EN-WIN	RTM-PD-6-64K-P-EN-WIN
	Price, USD***			**686**	**1156**	**1586**	**2385**	**3243**	**4556**	**5434**	**6793**	**8009**
10 document templates	Product code			RTM-PD-6-128T10-P-EN-WIN	RTM-PD-6-256T10-P-EN-WIN	RTM-PD-6-512T10-P-EN-WIN	RTM-PD-6-1KT10-P-EN-WIN	RTM-PD-6-2KT10-P-EN-WIN	RTM-PD-6-4KT10-P-EN-WIN	RTM-PD-6-8KT10-P-EN-WIN	RTM-PD-6-32KT10-P-EN-WIN	RTM-PD-6-64KT10-P-EN-WIN
	Price, USD***			**776**	**1307**	**1793**	**2697**	**3666**	**5151**	**6144**	**7680**	**9055**
Unlimited document templates	Product code			RTM-PD-6-128TU-P-EN-WIN	RTM-PD-6-256TU-P-EN-WIN	RTM-PD-6-512TU-P-EN-WIN	RTM-PD-6-1KTU-P-EN-WIN	RTM-PD-6-2KTU-P-EN-WIN	RTM-PD-6-4KTU-P-EN-WIN	RTM-PD-6-8KTU-P-EN-WIN	RTM-PD-6-32KTU-P-EN-WIN	RTM-PD-6-64KTU-P-EN-WIN
	Price, USD***			**3395**	**3804**	**4178**	**4873**	**5619**	**6761**	**7524**	**8706**	**9764**

Basic line:

	Number of channels			127	255	511	1023	2047	4095	8191	32000	64000
3 document templates	Product code			RTM-PD-6-128-B-EN-WIN	RTM-PD-6-256-B-EN-WIN	RTM-PD-6-512-B-EN-WIN	RTM-PD-6-1K-B-EN-WIN	RTM-PD-6-2K-B-EN-WIN	RTM-PD-6-4K-B-EN-WIN	RTM-PD-6-8K-B-EN-WIN	RTM-PD-6-32K-B-EN-WIN	RTM-PD-6-64K-B-EN-WIN
	Price, USD***			**999**	**1515**	**2154**	**3174**	**3995**	**5342**	**6253**	**7783**	**9162**
10 document templates	Product code			RTM-PD-6-128T10-B-EN-WIN	RTM-PD-6-256T10-B-EN-WIN	RTM-PD-6-512T10-B-EN-WIN	RTM-PD-6-1KT10-B-EN-WIN	RTM-PD-6-2KT10-B-EN-WIN	RTM-PD-6-4KT10-B-EN-WIN	RTM-PD-6-8KT10-B-EN-WIN	RTM-PD-6-32KT10-B-EN-WIN	RTM-PD-6-64KT10-B-EN-WIN
	Price, USD***			**1122**	**1712**	**2435**	**3588**	**4517**	**6039**	**7069**	**8799**	**10358**
Unlimited document templates	Product code			RTM-PD-6-128TU-B-EN-WIN	RTM-PD-6-256TU-B-EN-WIN	RTM-PD-6-512TU-B-EN-WIN	RTM-PD-6-1KTU-B-EN-WIN	RTM-PD-6-2KTU-B-EN-WIN	RTM-PD-6-4KTU-B-EN-WIN	RTM-PD-6-8KTU-B-EN-WIN	RTM-PD-6-32KTU-B-EN-WIN	RTM-PD-6-64KTU-B-EN-WIN
	Price, USD***			**3661**	**4116**	**4671**	**5559**	**6273**	**7444**	**8236**	**9567**	**10766**

Doc GSM RTM+ (RTM+ With Documentation Server And GSM/GPRS Interface) TRACE MODE® 6. English version.

AdAstra Research Group, Ltd

It has all features of DocRTM+ and also has interface for connectivity to PCs and controllers run under TRACE MODE through GSM, SMS and GPRS.

Doc GSM RTM+ 6 includes real time server, server of the real time DBMS SIAD/SQL 6, graphical client, alarm server, **Documentation server**, drivers for the controllers, electrical meters and I/O devices, **GSM, GPRS and SMS interface**, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. RTM 6 is licensed for **1 PC** with double limitation on number of channels and document templates. **Doc GSM RTM+ 6** is licensed for **1 PC** with double limitation on number of channels and document templates. Download edition

Professional line:

3 document templates	Channels / Energy meters			**127 / 2**	**255 / 16**	**511 / 22**	**1023 / 32**	**2047 / 45**	**4095 / 64**	**8191 / 90**	**32000 / unlim**	**64000 / unlim**
	Product code			RTM-PDG-6-128-P-EN-WIN	RTM-PDG-6-256-P-EN-WIN	RTM-PDG-6-512-P-EN-WIN	RTM-PDG-6-1K-P-EN-WIN	RTM-PDG-6-2K-P-EN-WIN	RTM-PDG-6-4K-P-EN-WIN	RTM-PDG-6-8K-P-EN-WIN	RTM-PDG-6-32K-P-EN-WIN	RTM-PDG-6-64K-P-EN-WIN
	Price, USD***			**984**	**1550**	**2082**	**2890**	**3842**	**5153**	**6108**	**7585**	**8910**
10 document templates	Product code			RTM-PDG-6-128T10-P-EN-WIN	RTM-PDG-6-256T10-P-EN-WIN	RTM-PDG-6-512T10-P-EN-WIN	RTM-PDG-6-1KT10-P-EN-WIN	RTM-PDG-6-2KT10-P-EN-WIN	RTM-PDG-6-4KT10-P-EN-WIN	RTM-PDG-6-8KT10-P-EN-WIN	RTM-PDG-6-32KT10-P-EN-WIN	RTM-PDG-6-64KT10-P-EN-WIN
	Price, USD***			1075	1706	2289	3201	4265	5752	6848	8479	9959
Unlimited document templates	Product code			RTM-PDG-6-128TU-P-EN-WIN	RTM-PDG-6-256TU-P-EN-WIN	RTM-PDG-6-512TU-P-EN-WIN	RTM-PDG-6-1KTU-P-EN-WIN	RTM-PDG-6-2KTU-P-EN-WIN	RTM-PDG-6-4KTU-P-EN-WIN	RTM-PDG-6-8KTU-P-EN-WIN	RTM-PDG-6-32KTU-P-EN-WIN	RTM-PDG-6-64KTU-P-EN-WIN
	Price, USD***			**3694**	**4203**	**4674**	**5377**	**6218**	**7362**	**8228**	**9505**	**10668**

Basic line:

3 document templates	Channels / Energy meters			**127 / 2**	**255 / 16**	**511 / 22**	**1023 / 32**	**2047 / 45**	**4095 / 64**	**8191 / 90**	**32000 / unlim**	**64000 / unlim**
	Product code			RTM-PDG-6-128-B-EN-WIN	RTM-PDG-6-256-B-EN-WIN	RTM-PDG-6-512-B-EN-WIN	RTM-PDG-6-1K-B-EN-WIN	RTM-PDG-6-2K-B-EN-WIN	RTM-PDG-6-4K-B-EN-WIN	RTM-PDG-6-8K-B-EN-WIN	RTM-PDG-6-32K-B-EN-WIN	RTM-PDG-6-64K-B-EN-WIN
	Price, USD***			**1305**	**1915**	**2656**	**3673**	**4596**	**5941**	**6954**	**8583**	**10062**
10 document templates	Product code			RTM-PDG-6-128T10-B-EN-WIN	RTM-PDG-6-256T10-B-EN-WIN	RTM-PDG-6-512T10-B-EN-WIN	RTM-PDG-6-1KT10-B-EN-WIN	RTM-PDG-6-2KT10-B-EN-WIN	RTM-PDG-6-4KT10-B-EN-WIN	RTM-PDG-6-8KT10-B-EN-WIN	RTM-PDG-6-32KT10-B-EN-WIN	RTM-PDG-6-64KT10-B-EN-WIN
	Price, USD***			**1421**	**2111**	**2931**	**4092**	**5116**	**6640**	**7773**	**9598**	**11262**
Unlimited document templates	Product code			RTM-PDG-6-128TU-B-EN-WIN	RTM-PDG-6-256TU-B-EN-WIN	RTM-PDG-6-512TU-B-EN-WIN	RTM-PDG-6-1KTU-B-EN-WIN	RTM-PDG-6-2KTU-B-EN-WIN	RTM-PDG-6-4KTU-B-EN-WIN	RTM-PDG-6-8KTU-B-EN-WIN	RTM-PDG-6-32KTU-B-EN-WIN	RTM-PDG-6-64KTU-B-EN-WIN
	Price, USD***			**3960**	**4515**	**5167**	**6063**	**6872**	**8045**	**8940**	**10366**	**11670**

OPC DocRTM+ (DocRTM+ With OPC-Server) TRACE MODE® 6. English version.

The product has all features of DocRTM+, and also **a built-in OPC-server** for connectivity to third parties applications. It includes real time server, server of the real time DBMS SIAD/SQL 6, Documentation server, **OPC-server** , graphical client, alarm server, drivers for controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. OPC **DocRTM+ 6** is licensed for **1 PC** with double limitation on number of channels and document templates. Download edition

Professional line:

3 document templates	Channels / Energy meters			**127 / 2**	**255 / 16**	**511 / 22**	**1023 / 32**	**2047 / 45**	**4095 / 64**	**8191 / 90**	**32000 / unlim**	**64000 / unlim**
	Product code			RTM-PDO-6-128-P-EN-WIN	RTM-PDO-6-256-P-EN-WIN	RTM-PDO-6-512-P-EN-WIN	RTM-PDO-6-1K-P-EN-WIN	RTM-PDO-6-2K-P-EN-WIN	RTM-PDO-6-4K-P-EN-WIN	RTM-PDO-6-8K-P-EN-WIN	RTM-PDO-6-32K-P-EN-WIN	RTM-PD-6-64K-P-EN-WIN
	Price, USD***			**1086**	**1609**	**2069**	**2999**	**3949**	**5546**	**6616**	**8039**	**9479**
10 document	Product code			RTM-PDO-6-128T10-	RTM-PDO-6-256T10-	RTM-PDO-6-512T10-	RTM-PDO-6-1KT10-	RTM-PDO-6-2KT10-	RTM-PDO-6-4KT10-	RTM-PDO-6-8KT10-	RTM-PDO-6-32KT10-	RTM-PDO-6-64KT10-

templates				P-EN-WIN	P-EN-WIN	P-EN-WIN	P-EN-WIN	P-EN-WIN	P-EN-WIN	P-EN-WIN	P-EN-WIN	P-EN-WIN
	Price, USD***			1175	1760	2276	3319	4371	6141	7325	8926	10524
Unlimited document templates	Product code			RTM-PDO-6-128TU-P-EN-WIN	RTM-PDO-6-256TU-P-EN-WIN	RTM-PDO-6-512TU-P-EN-WIN	RTM-PDO-6-1KTU-P-EN-WIN	RTM-PDO-6-2KTU-P-EN-WIN	RTM-PDO-6-4KTU-P-EN-WIN	RTM-PDO-6-8KTU-P-EN-WIN	RTM-PDO-6-32KTU-P-EN-WIN	RTM-PDO-6-64KTU-P-EN-WIN
	Price, USD***			3794	4257	4661	5495	6324	7752	8705	9952	11234

Global Documentation Server TRACE MODE® 6. English version.

Global Documentation Server dedicated documentation server with a powerful report generator for distributed control systems. It can gather data from the unlimited number of TRACE MODE 6 and T-Factory nodes, from other applications, generate user reports, save them in files, to print reports. The number of templates, documents, and scripts are unlimited. OPC-client, DDE-client, DDE-server, SQL/ODBC driver. The product is licensed for **1 PC** with different number of channels and unlimited document templates. Download edition

Professional line:	Product code: DOC-G-6-UT-P-EN-WIN, Price **2799 USD***
Professional line Upgrade:	Product code: DOC-G-6-UT-P-EN-WIN-U, Price **968 USD***
Basic line:	Product code: DOC-G-6-UT-P-EN-WIN, Price, **3995 USD***

Global Logger TRACE MODE® 6. English version.

Dedicated industrial real time DBMS SIAD/SQL 6 server (data acquisition from the RTMs or OPC servers, data compression, fast real time data saving and reading, supporting SQL-queries, synchronization, data safety).

It includes server of the real time DBMS SIAD/SQL 6, graphical client, alarm server, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. The product is licensed for 1 PC with number of channels 64000. Download edition

Professional line:	Product code: L-G-6-64K-P-EN-WIN, Price, **6268 USD***
Upgrade:	Product code: L-G-6-64K-P-EN-WIN-U, Price, **3554 USD***

Global Logger redundant TRACE MODE® 6 . English version.

Two dedicated industrial real time DBMS SIAD/SQL servers with automatic dual redundancy (data acquisition from the RTMs or OPC servers, data compression, fast real time data saving and reading, supporting SQL-queries, synchronization, data safety).

It includes server of the real time DBMS SIAD/SQL 6, graphical client, alarm server, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. Due to the built-in hot standby feature the Double Force version provides additional reliability of data storage. The product is licensed for 2 PC with number of channels 64000. Download edition

Professional line:	Product code: L-G2-6-64K-P-EN-WIN, Price, **15044 USD***
Upgrade:	Product code: L-G2-6-64K-P-EN-WIN-U, Price, **10523 USD***

Global Logger triple TRACE MODE® 6 . English version.

Three dedicated industrial real time DBMS SIAD/SQL servers with automatic triple redundancy (data acquisition from the RTMs or OPC servers, data compression, fast real time data saving and reading, supporting SQL-queries, synchronization, data safety).

It includes server of the real time DBMS SIAD/SQL 6, graphical client, alarm server, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. Due to the built-in hot standby feature triple redundancy version provides maximum reliability of data storage. The product is licensed for 3 PC with number of channels 64000. Download edition

Professional line:	Product code: L-G3-6-64K-P-EN-WIN, Price, **24448 USD***

RUNTIMES of SCADA level (Clients)

NetLink Light 6 TRACE MODE® 6. Remote Graphic console. English version.

Graphic console, additional client workstation, connected to the TRACE MODE 6 servers for process visualization and supervisory control. NetLink Light 6 provides easy, but at the same time, powerful solution for the additional client workstations design for a distributed process control system. It provides all necessary functions for remote monitoring and control.

The NetLink Light 6 console is licensed for **1 PC** with different number of templates (HMI screens, programs, SQL-queries). Download edition

Professional line:

Number of templates	1	3	5	10	20	50	Unlimited
Product code	NLL-6-1T-P-EN-WIN	NLL-6-3T-P-EN-WIN	NLL-6-5T-P-EN-WIN	NLL-6-10T-P-EN-WIN	NLL-6-20T-P-EN-WIN	NLL-6-50T-P-EN-WIN	NLL-6-UT-P-EN-WIN
Price, USD***	215	308	441	630	900	1350	2025

Basic line:

Product code	NLL-6-1T-B-EN-WIN	NLL-6-3T-B-EN-WIN	NLL-6-5T-B-EN-WIN	NLL-6-10T-B-EN-WIN	NLL-6-20T-B-EN-WIN	NLL-6-50T-B-EN-WIN	NLL-6-UT-B-EN-WIN
Price, USD***	286	409	584	834	1080	1787	2681

AdAstra Research Group, Ltd

NetLink Light 6 with Group Licensing TRACE MODE® 6. Remote Graphic console. English version.

Remote Graphic console with group licensing, additional client workstation, connected to the TRACE MODE 6 servers for process visualization and supervisory control. NetLink Light 6 provides easy, but at the same time, powerful solution for the additional client workstations design for a distributed process control system. It provides all necessary functions for remote monitoring and control. With group licensing enabled, any NetLink Light user can freely connect his/her workstation to TRACE MODE 6 servers **from any PC** in their LAN over TCP/IP (one protection dongle has to be installed on one of the computers only).

The NetLink Light 6 console is licensed for **3, 5, 9, 17 PC** (has limitation for the simultaneous connections only) with unlimited number of templates (HMI screens, programs, SQL-queries). Download edition

Professional line:

Number of PC's	3	5	9	17
Product code	NLL-G-6-UT-GL3-P-EN-WIN	NLL-G-6-UT-GL5-P-EN-WIN	NLL-G-6-UT-GL9-P-EN-WIN.	NLL-G-6-UT-GL17-P-EN-WIN
Price, USD***	6378	10206	18370	28917

Data Center TRACE MODE® 6 for Windows. English version.

Data Center provides remote web based and wireless access to real-time information using **web-browser** via **Internet/Intranet** or wireless networks **(GSM, GPRS, Wi-Fi, Bluetooth)**

Data Center provides a web-gateway capability for the local control systems. The software receives real-time data from the TRACE MODE servers (RTM on PC and Micro RTM in controllers) via I-NET (TCP/IP) and offers web access to these data via browser or TRACE MODE SCADA Mobile applications for mobile phones (Java MIDlets).

Data Center licensing is based on concurrent connections of the client devices (PC, mobile phones, pocket PCs, etc.). The program is available in versions with 4, 8, 16, 32, and unlimited workplaces. License for 1 PC. Download edition

Professional line:

Number of clients	4	8	16	32	Unlimited
Product code	DC-WP-6-4-P-EN-WIN	DC-WP-6-8-P-EN-WIN	DC-WP-6-16-P-EN-WIN	DC-WP-6-32-P-EN-WIN	DC-WP-6-U-P-EN-WIN
Price, USD***	1332	2264	3849	6544	11125

RUNTIMES MES-EAM-HRM level

T-Factory RTM+ for Windows. English version.

Real time monitor T-Factory. Includes server for real time MES, EAM and HRM applications, graphic console T-Factory, industrial real time DBMS SIAD/SQL server and alarm server, drivers for controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver.

The product is licensed for **1 PC** with different number of channels. Download edition

Professional line:

Channels / Energy meters			127 / 2	255 / 16	511 / 22	1023 / 32	2047 / 45	4095 / 64	8191 / 90	32000 / unlim	64000 / unlim	Channels / Energy meters
Product code				TFRTM-P-6-128-P-EN-WIN	TFRTM-P-6-256-P-EN-WIN	TFRTM-P-6-512-P-EN-WIN	TFRTM-P-6-1K-P-EN-WIN	TFRTM-P-6-2K-P-EN-WIN	TFRTM-P-6-4K-P-EN-WIN	TFRTM-P-6-8K-P-EN-WIN	TFRTM-P-6-32K-P-EN-WIN	TFRTM-P-6-64K-P-EN-WIN
Price, USD***				770	1297	1779	2676	3637	5099	6096	7620	8984

T-Factory NetLink Light 6. Remote Graphic console. English version.

Remote graphic console for T-Factory, additional client workstation, connected to the TRACE MODE 6 servers for real time MES, EAM and HRM applications for process visualization and supervisory control. T-Factory NetLink Light 6 provides easy, but at the same time, powerful solution for the additional client workstations design for a distributed process control system.

The NetLink Light 6 console is licensed for **1 PC** with different number of templates (HMI screens, programs, SQL-queries). Download edition

Professional line:

Number of templates	1	3	5	10	20	50	Unlimited.
Product code	TFNL-L-6-1T-P-EN-WIN	TFNL-L-6-3T-P-EN-WIN	TFNL-L-6-5T-P-EN-WIN	TFNL-L-6-10T-P-EN-WIN	TFNL-L-6-20T-P-EN-WIN	TFNL-L-6-50T-P-EN-WIN	TFNL-L-6-UT-P-EN-WIN
Price, USD***	334	477	682	975	1393	2089	3134

RUNTIMES of SOFTLOGIC level

Micro TRACE MODE 6 OEM for WinPAC-8000 for Windows CE. English version.

Runtime software for execution of logical programs on the WinPAC-8000 and ViewPAC (also contains software for WinCon-8000) industrial controllers. Programmed in TRACE MODE development system. Includes real time server (Micro RTM), program interpreter in 5 languages of the IEC 6-1131/3 standard, graphical operator's interface (embedded HMI), embedded I/O cards drivers, Modbus host, energy meters drivers, IEC-60870-5-101. **Hot redundancy** for network, IO and PLC. Licensed for **1, 10, 100 controllers** with different number of channels. The price on **Micro TRACE MODE** significantly drops with number of licenses purchased. Download edition

Professional line:

	Channels / Energy meters		63 / 1	127 / 1	255 / 2	511 / 2	1023 / 2				
For 1 PLC	Product code		MCTM-WP-6-64-L1-P-EN-CE	MCTM-WP-6-128-L1-P-EN-CE	MCTM-WP-6-256-L1-P-EN-CE	MCTM-WP-6-512-L1-P-EN-CE	MCTM-WP-6-1K-L1-P-EN-CE				
	Price, USD***		**238**	**375**	**589**	**926**	**1456**				
For 10 PLC	Product code		MCTM-WP-6-64-L10-P-EN-CE	MCTM-WP-6-128-L10-P-EN-CE	MCTM-WP-6-256-L10-P-EN-CE	MCTM-WP-6-512-L10-P-EN-CE	MCTM-WP-6-1K-L10-P-EN-CE				
	Price, USD***		**477**	**750**	**1179**	**1853**	**2912**				
For 100 PLC	Product code		MCTM-WP-6-64-L100-P-EN-CE	MCTM-WP-6-128-L100-P-EN-CE	MCTM-WP-6-256-L100-P-EN-CE	MCTM-WP-6-512-L100-P-EN-CE	MCTM-WP-6-1K-L100-P-EN-CE				
	Price, USD***		**2550**	**4009**	**6302**	**9907**	**15574**				

Adaptive Micro TRACE MODE 6 OEM WinPAC-8000 for Windows CE. English version

Runtime software for execution of logical programs and embedded HMI on the WinPAC-8000 and ViewPAC (also contains software for WinCon-8000) industrial controllers. **Automatic PID, PDD loops self tuning.** Programmed in TRACE MODE development system. Includes real time server (Micro RTM), program interpreter in 5 languages of the IEC 6-1131/3 standard, graphical operator's interface (embedded HMI), embedded I/O cards drivers, Modbus host, energy meters drivers, IEC-60870-5-101. Hot redundancy for network, IO and PLC. Licensed for **1, 10, 100 controllers** with different number of channels. The price on **Micro TRACE MODE** significantly drops with number of licenses purchased. Download edition

Professional line:

	Channels / Energy meters		63 / 1	127 / 1	255 / 2	511 / 2	1023 / 2				
For 1 PLC	Product code		MCTM-WPA-6-64-L1-P-EN-CE	MCTM-WPA-6-128-L1-P-EN-CE	MCTM-WPA-6-256-L1-P-EN-CE	MCTM-WPA-6-512-L1-P-EN-CE	MCTM-WPA-6-1K-L1-P-EN-CE				
	Price, USD***		**400**	**600**	**900**	**1350**	**2025**				
For 10 PLC	Product code		MCTM-WPA-6-64-L10-P-EN-CE	MCTM-WPA-6-128-L10-P-EN-CE	MCTM-WPA-6-256-L10-P-EN-CE	MCTM-WPA-6-512-L10-P-EN-CE	MCTM-WPA-6-1K-L10-P-EN-CE				
	Price, USD***		**799**	**1 199**	**1799**	**2699**	**4050**				
For 100 PLC	Product code		MCTM-WPA-6-64-L100-P-EN-CE	MCTM-WPA-6-128-L100-P-EN-CE	MCTM-WPA-6-256-L100-P-EN-CE	MCTM-WPA-6-512-L100-P-EN-CE	MCTM-WPA-6-1K-L100-P-EN-CE				
	Price, USD***		**4 273**	**6 412**	**9620**	**14434**	**21658**				

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Micro TRACE MODE 6 GSM+ OEM WinPAC-8000 for Windows CE. English version.

Runtime software for execution of logical programs on the WinPAC-8000 and WinCon-8000 industrial controllers. Programmed in TRACE MODE development system. Includes real time server (Micro RTM), program interpreter in 5 languages of the IEC 6-1131/3 standard, graphical operator's interface (embedded HMI), embedded I/O cards drivers, Modbus host, energy meters drivers, IEC-60870-5-101. Meters and remote I/O may be polled remotely via modem or GSM. PC connectivity through serial prt, network, modem, GSM-modem, GPRT, SMS, Modbus slave (starting from 128 ch.). Licensed for **1, 10, 100 controllers** with different number of channels. The price on **Micro TRACE MODE GSM** significantly drops with number of licenses purchased. Download edition

Professional line:

	Channels / Energy meters		**63 / 1**	**127 / 1**	**255 / 2**	**511 / 2**	**1023 / 2**					
For 1 PLC	Product code		MCTM-WPG-6-64-L1-P-EN-CE	MCTM-WPG-6-128-L1-P-EN-CE	MCTM-WPG-6-256-L1-P-EN-CE	MCTM-WPG-6-512-L1-P-EN-CE	MCTM-WPG-6-1K-L1-P-EN-CE					
	Price, USD***		**324**	**500**	**770**	**1187**	**1830**					
For 10 PLC	Product code		MCTM-WPG-6-64-L10-P-EN-CE	MCTM-WPG-6-128-L10-P-EN-CE	MCTM-WPG-6-256-L10-P-EN-CE	MCTM-WPG-6-512-L10-P-EN-CE	MCTM-WPG-6-1K-L10-P-EN-CE					
	Price, USD***		**648**	**999**	**1540**	**2374**	**3660**					
For 100 PLC	Product code		MCTM-WPG-6-64-L100-P-EN-CE	MCTM-WPG-6-128-L100-P-EN-CE	MCTM-WPG-6-256-L100-P-EN-CE	MCTM-WPG-6-512-L100-P-EN-CE	MCTM-WPG-6-1K-L100-P-EN-CE					

Micro TRACE MODE 6 for Windows Embedded. English version

Runtime SCADA software. Data acquisition, HMI on PC, on panel PC, in PLC (e.g. xPAC) and in devices run under Windows Embedded starting from XP. Built in drivers for PLCs (Modbus RTU, TCP, DCON, IEC 60870-5-101, IEC 60870-5-104 etc). Host PC connectivity via M-Link protocol and with open protocols **Modbus TCP and IEC 60870-5-104 slave**. Programmed in the TRACE MODE development system. Supports the technology of the integrated control system development (SCADA + SOFTLOGIC). **Hot redundancy** for network, IO and PLC.

The price on **Micro TRACE MODE** significantly drops with number of licenses purchased. Download edition

Professional line:

	Channels / Energy meters		127 / 2		1023 / 32		4095 / 64				
For 1 PLC	Product code		MCTM-XP-6-128-L1-P-RU-WIN		MCTM-XP-6-1K-L1-P-EN-WIN		MCTM-XP-6-4K-L1-P-EN-WIN				
	Price, USD***		199		2195		3539				
For 10 PLC	Product code		MCTM-XP-6-128-L10-P-RU-WIN		MCTM-XP-6-1K-L10-P-EN-WIN		MCTM-XP-6-4K-L10-P-EN-WIN				
	Price, USD***		399		4392		9598				
For 100 PLC	Product code		MCTM-XP-6-128-L100-P-RU-WIN		MCTM-XP-6-1K-L100-P-EN-WIN		MCTM-XP-6-4K-L100-P-EN-WIN				
	Price, USD***		2135		23484		51318				

OPC servers

OPC-server TRACE MODE and T-Factory for Windows. English version.

AdAstra Research Group, Ltd

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| | OPC-server. Allows other applications to interact with any TRACE MODE 6 и T-Factory 6 real time monitors through OPC interface. Supports M-LINK 6, M-LINK CRC 6, I-NET 6 protocols, OPC DA 1.0 и 2.0. The product is licensed for 1 PC with different number of channels. Download edition |

Professional line:

Number of channels				127	255	511	1023	2047	4095	8191	32000	64000
Product code				OPC-TM6-6-128-P-EN-WIN	OPC-TM6-6-256-P-EN-WIN	OPC-TM6-6-512-P-EN-WIN	OPC-TM6-6-1K-P-EN-WIN	OPC-TM6-6-2K-P-EN-WIN	OPC-TM6-6-4K-P-EN-WIN	OPC-TM6-6-8K-P-EN-WIN	OPC-TM6-6-32K-P-EN-WIN	OPC-TM6-6-64K-P-EN-WIN
Price, USD***				**399**	**453**	**483**	**622**	**705**	**991**	**1181**	**1246**	**1470**

Technical support			
ST-6-EN	**Technical support, phone, e-mail for 1 year** (in percents from the professional tariff product cost)	free	30%
ST-A-6-EN	**Technical support, phone, e-mail over 1 year** (in percents from the professional tariff product cost)	10%	10%

TRACE MODE 6 Authorized Training Center in Moscow ****				
T-B-6-1-EN T-B-6-2-EN T-B-6-3-EN	TRACE MODE 6 basic training course (5 days. 40 academic hours) one/two/three students per PC	729 USD	1055 USD	1385 USD
T-A-6-1-EN * T-A-6-2-EN * T-A-6-3-EN *	TRACE MODE 6 advanced training course (5 days. 40 academic hours) one/two/three students per PC*	665 USD	961 USD	1255 USD
T-X-6-1-EN T-X-6-2-EN T-X-6-3-EN	TRACE MODE 6 extended training course (10 days. 80 academic hours) one/two/three students per PC	1169 USD	1685 USD	2130 USD

Note!

The software may be upgraded to more I/O points (channels) or/and functions according to the following formula: *the difference in price + $300*

The TRACE MODE 5 Runtime (RTM) may be upgraded to TRACE MODE 6 (if it's possible) according to the following formula: *the difference in price + $300.*

* **-** This course is intended for control engineers, who have followed or who have studied by themselves the Basic training course
*** - All prices are given exclusive of VAT. Payments should be made in US dollars.
**** - The price of each course includes meals.
• AdAstra reserves the right to change prices and terms of payment specified herein.