



MODEL	DESCRIPTION
iC Tool	Programming tool for devices driven by the nano EDGE ENGINE and Sedona

APPLICATION AND USE

The iC Tool is a free programming tool dedicated to all devices based on the nano EDGE ENGINE software engine and Sedona framework. The iC Tool is a Windows-based software for commissioning, real-time programming, updating, and managing the supported devices.

Efficient creating and managing of controller's applications:

The iC Tool is based on libraries with dedicated control blocks, which can be used conveniently on a wire sheet to create any user application. It allows to manage libraries using the Software Manager/Kit Manager.

Straightforward access to the nano EDGE ENGINE containers:

The iC Tool presents a clear device structure of the nano EDGE ENGINE—the Applications, Networks, Services, and System containers, which provide simple management of applications, network parameters, and device settings.

Easy management of Sedona devices:

The iC Tool is a project-oriented software which allows an easy management of Sedona based devices.

Friendly user interface:

The iC Tool offers native access to all device settings and configurations, enabling device updates and troubleshooting. The iC Tool offers a user-friendly interface divided into four fully customizable windows. The Workspace Tree for multi-site management, Device Libraries for seamless library access, Object Properties for one-click component configuration, and the Main Screen window for developing and managing the application.

FEATURES

- Free for all users
- Real-time programming of supported nano EDGE ENGINE and Sedona devices
- Wire sheet programming based on control blocks
- Clear and logical structure
- Multi-workspace support
- User-friendly interface
- Software Manager for nano EDGE ENGINE OS and libraries management
- Kit Manager for Sedona devices
- Dedicated libraries/kits
- Online Help platform (for nano EDGE ENGINE)
- Updates information pop-up
- Multilanguage support



The performances stated in this sheet can be modified without any prior notice.

SPECIFICATION

The iC Tool is a Microsoft Windows-based free software designed for at least Windows 10 systems. (The oldest supported version is Windows 7.) Minimum requirements are as follows:

- Intel Core i3-3xxx processor (CPU) or equivalent,
- 4 GB RAM memory,
- 50 GB internal hard drive,
- 100 Mbit Ethernet or 1Gbit NIC,
- Internet access for license confirmation,
- .NET Framework 4.6.2 or higher.

The iC Tool has been designed as project-oriented software to easily manage complex projects engaging numerous nano EDGE ENGINE and Sedona-based devices on many sites.

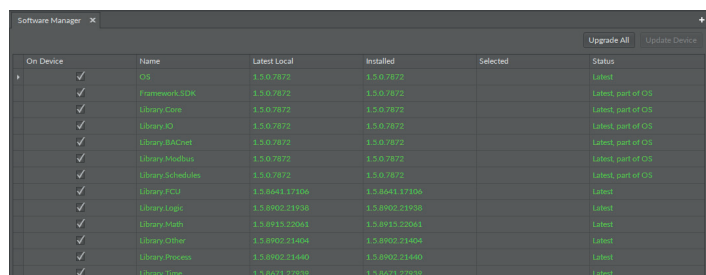
The nano EDGE ENGINE is a software engine designed for the new generation of the iSMA CONTROLLI devices. It is the software engine for constructing multiple applications, and it provides a set of libraries and components tailored to create cycle-driven user applications. The nano EDGE ENGINE ensures connectivity with added devices, and allows to run dedicated services. It provides full management of the device-setting network properties, and providing logs for diagnostics and performance data.

SOFTWARE MANAGER

The Software Manager is a tool allowing the management of the device operating system and its libraries. It lists all elements (OS, libraries) that are available locally in the iC Tool to be installed on the device. The list of elements, visible in the Software Manager table, corresponds with a physical content of the nano EDGE ENGINE folder in the main iC Tool's location: `\home\nanoEdge-Engine`.

The Software Manager allows for the following options:

- installing libraries;
- upgrading OS/libraries;
- downgrading OS/libraries;
- uninstalling libraries.



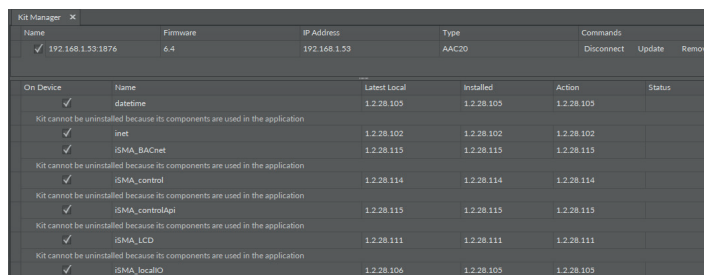
On Device	Name	Latest Local	Installed	Selected	Status
<input checked="" type="checkbox"/>	OS	1.5.0.7872	1.5.0.7872		Latest
<input checked="" type="checkbox"/>	Framework SDK	1.5.0.7872	1.5.0.7872		Latest, part of OS
<input checked="" type="checkbox"/>	Library Core	1.5.0.7872	1.5.0.7872		Latest, part of OS
<input checked="" type="checkbox"/>	Library IO	1.5.0.7872	1.5.0.7872		Latest, part of OS
<input checked="" type="checkbox"/>	Library BACnet	1.5.0.7872	1.5.0.7872		Latest, part of OS
<input checked="" type="checkbox"/>	Library Modbus	1.5.0.7872	1.5.0.7872		Latest, part of OS
<input checked="" type="checkbox"/>	Library Schedules	1.5.0.7872	1.5.0.7872		Latest, part of OS
<input checked="" type="checkbox"/>	Library PCU	1.5.8644 17106	1.5.8644 17106		Latest
<input checked="" type="checkbox"/>	Library Login	1.5.8902 21938	1.5.8902 21938		Latest
<input checked="" type="checkbox"/>	Library Math	1.5.8915 22061	1.5.8915 22061		Latest
<input checked="" type="checkbox"/>	Library Other	1.5.8902 21404	1.5.8902 21404		Latest
<input checked="" type="checkbox"/>	Library Process	1.5.8902 21440	1.5.8902 21440		Latest
<input checked="" type="checkbox"/>	Library Time	1.5.8674 27932	1.5.8674 27932		Latest

KIT MANAGER

The Kit Manager is a tool allowing the management of the Sedona device's kits. It lists all kits that are available locally in the iC Tool to be installed on the device. The list of elements, visible in the Kit Manager table, corresponds with a physical content of the Sedona kits folder in the main iC Tool's location: `\home\kits`.

The Kit Manager allows for the following options for managing kits:

- installing kits;
- upgrading kits;
- downgrading kits;
- uninstalling kits.



Name	Firmware	IP Address	Type	Commands
<input checked="" type="checkbox"/> 192.168.1.53:1876	6.4	192.168.1.53	AAC20	Disconnect Update Remove

On Device	Name	Latest Local	Installed	Action	Status
<input checked="" type="checkbox"/>	datetime	1.2.28.105	1.2.28.105	1.2.28.105	
	Kit cannot be uninstalled because its components are used in the application				
<input checked="" type="checkbox"/>	inet	1.2.28.102	1.2.28.102	1.2.28.102	
<input checked="" type="checkbox"/>	iSMA_BACnet	1.2.28.115	1.2.28.115	1.2.28.115	
	Kit cannot be uninstalled because its components are used in the application				
<input checked="" type="checkbox"/>	iSMA_control	1.2.28.114	1.2.28.114	1.2.28.114	
	Kit cannot be uninstalled because its components are used in the application				
<input checked="" type="checkbox"/>	iSMA_controlApi	1.2.28.115	1.2.28.115	1.2.28.115	
	Kit cannot be uninstalled because its components are used in the application				
<input checked="" type="checkbox"/>	iSMA_LCD	1.2.28.111	1.2.28.111	1.2.28.111	
	Kit cannot be uninstalled because its components are used in the application				
<input checked="" type="checkbox"/>	iSMA_localIO	1.2.28.106	1.2.28.105	1.2.28.105	

BACKUP AND RESTORE

Backup and restore options in the nano EDGE ENGINE devices are performed in the iC Tool's view, the Backup Manager. It is available in the Backups component in the System container. The Backup Manager has the following options:

- creating a backup;
- downloading a backup;
- deleting a backup;
- restoring a backup.

ONLINE HELP PLATFORM

For nano EDGE ENGINE libraries, the iC Tool offers an instant online help platform. Go to the context menu of any given component, and click the 'Show Help' option, which opens the component's description on the Online Docs platform (icdocs.ismacontrolli.com).