



DENSO

THE FLEXIBLE STANDARD SOLUTION



ORiN2 SOFTWARE DEVELOPMENT KIT
SIMPLIFY ACCESS TO FACTORY AUTOMATION DEVICES

SHORTER Development times

SIMPLIFIED Use and maintenance

Lower Development costs



DENSO

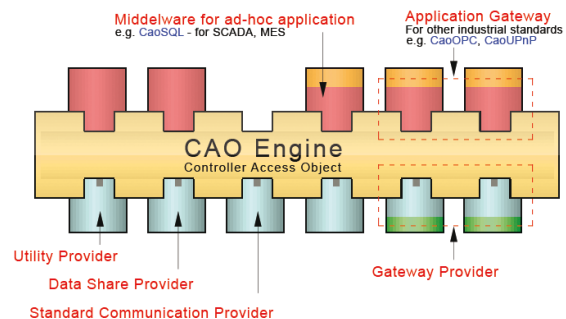
ORiN2

ORiN2 is a middleware for factory automation which is created based on the Software Interface Standard by the ORiN Forum.

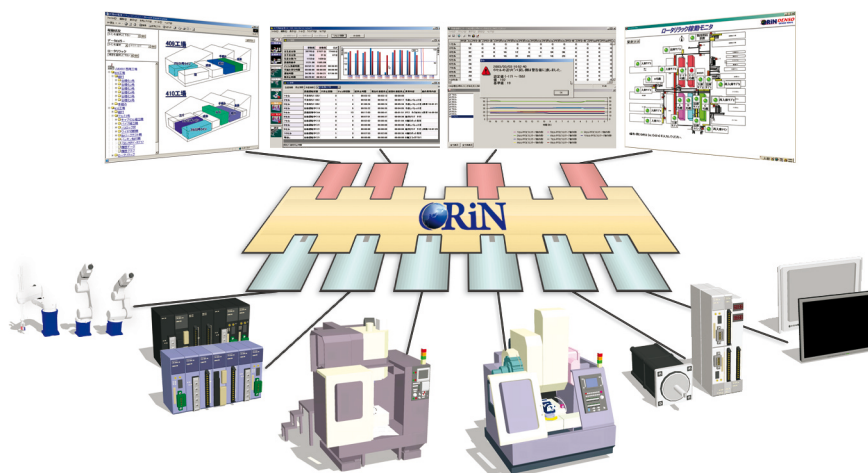
ORiN2 provides two independent interfaces to access devices on the network. There is one interface for the development of Applications & Case studies and one for connecting to different devices.

The Applications & Case studies Program Interface (API) provides a common object model for all kinds of devices. Every device can be plugged into ORiN by creating an according provider. This separation of concerns allows to develop Applications & Case studies and device providers independently. Furthermore ORiN2 provides protocols to connect to the Internet.

CAO engine



Interface



Package options

PACKAGE TYPE	ORiN2 SDK 410090-1840			ORiN2 RUNTIME 410090-1910, 1600, 1930, 1940			ORiN2 BUNDLE 410090-1850		
	Support	Binary	Source	Support	Binary	Source	Support	Binary	Source
CAO Engine	✓	✓		✓	✓		✓	✓	
CAO Provider Template library	✓	✓	✓						
Provider (number)		47			8			4 (Only DENSO robot)	
Sample programs		✓	✓					✓	✓
Test and setup tools	✓	✓		✓	✓		✓	✓	
CAO OPC	✓	✓		✓	✓				
CAO SQL	✓	✓		✓	✓				
CAO UpnP		✓			✓				

System requirements

OS: Windows® 2000 SP4, XP SP1 or later, Vista
 CPU: Intel Pentium® III, 1 GHz or faster
 RAM: Minimum 512 MB
 HDD: 500 MB of free space or more

ORiN is a registered trademark of Japan Robot Association.