

iCore Integration Suite

Intelligent Business Integration (iCIS)

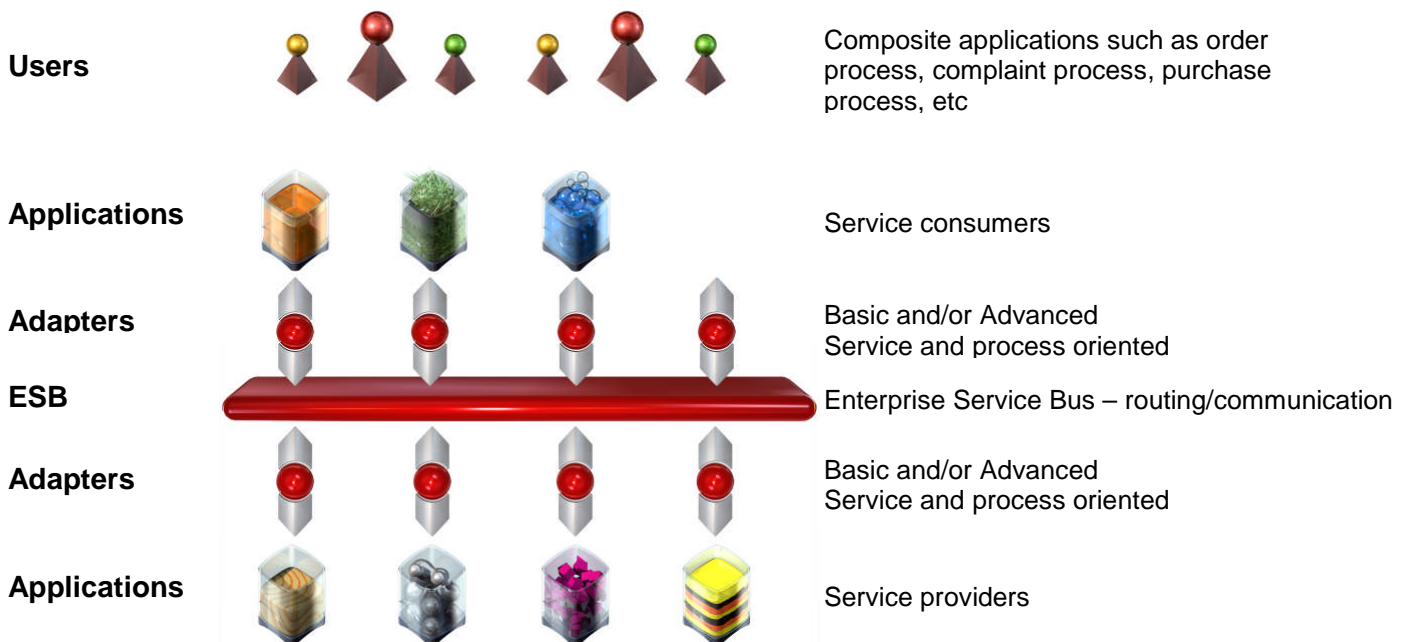
iCore Integration Suite is a unique software solution for effective business integration. It allows integration of business applications and processes for partner collaboration as well as process automation and integration between in-house applications. We offer a robust solution for intelligent business integration, which is easy to supervise, agile, completely format independent and supporting today's real time needs and demands for visibility. It allows you to start small and grow incrementally. In iCIS you have scalable tools to assist you when your volumes and needs increase. With iCIS your integration and SOA readiness is considerably enhanced. We target demanding customers, often 2nd time integration buyers, who highly appreciate our straight forward and scalable architecture, which is delivered with templates and "packaged knowledge" in the form of best-practices. You may also use parts of our solution in combination with other integration solutions. Our pricing structure supports incremental growth – already the first project may yield ROI (return of investment). By using iCIS, you may accomplish true and **Intelligent Business Integration**.

Internal integration, EAI

Internal efficiency requires a well defined infrastructure for real time integration and collaboration. Integration automates manual tasks, creates efficiency and reduces the risk of redundant information. iCIS provides one single adapter platform, independent of geographical location, for secure non-intrusive integration of ERP systems and other applications. iCore Adapters, which may be deployed centrally or locally, are useful tools to support an M&A strategy. Our aim is to significantly shorten integration project lead times and to preserve investments and reuse the existing IT infrastructure. We provide iCore Process Server as ESB/messaging backbone, but you may just as easily connect iCore Adapters to any other ESB on the market.

External integration, collaboration/B2B integration

iCore B2B/EDI Adapter is our complete solution for external integration with any business partner. Back-end systems can be "loosely" integrated with business partners. Information may be exchanged in standard formats (XML, EDI) or any customer unique format, also in real time. iCIS contains excellent tools for Supply Chain Integration, cross enterprise collaboration and virtual enterprises. There are no restrictions of how to send the information (Internet, WAN, ISDN, VPN etc) or of communication protocols (FTP, HTTP, SMTP, TCP/IP etc). Extra security may be applied. There are also other adapters available for B2B integration, for example iCore FTP Adapter.



Dynamic architecture

iCIS is a modular system that allows change of the business processes. It offers true support for real time, SOA and event driven architectures. The run-time environment – iCore Process Server/Adapters – is fault redundant and scalable. It supports clustering and multiple CPU usage. iCore Administrator is the monitoring and administration module, where you can always track and trace information in the system. If something goes wrong, you will be alerted. iCore Adapters are packaged, wizard-driven solutions for time and cost effective interfacing towards other systems and applications. iCore Developer is a flexible graphical tool for developing and generating automated business processes and integration. The complete construction and architecture of iCIS is designed for industrial reuse and a low Total Cost of Ownership, including simplified administration, support and version handling.

Distribution of resources

iCIS utilizes a sophisticated event and activity control. Business processes and logic are described in process flows by connecting a series of events and activities, which may be given different priorities. iCIS is then in full control of what to do and when. iCIS coordinates and performs multi-application integration and process automation.

Supervision and alarm

The supervision and tracing of activities in iCIS is one of its most unique and important functions. All events and activities can be logged. You may choose between several levels of log detail. If an error occurs, you can find out exactly where and why it happened. When the error has been taken care of, the processing may start again, from any chosen stage in the process chain. The user can be notified of errors or non-events, for example via e-mail or text messages.

Software dependencies:

- Windows 2003 or 2008 Server, Windows XP sp 2, Windows Vista, Windows 7 (x32 or x64 in all operatives)
- Internet Explorer 6.0 or later
- Microsoft Data Access Components (MDAC) 2.8 sp 2 (included in installation)
- Microsoft XML 6.0 (included in installation)
- Microsoft Message Queueing (MSMQ) 2.0 (part of the Operating System)
- .Net framework 3.5 sp 1 (included in installation)
Note: .Net framework requires Internet access during installation. "
- MS SQL Server 2000, 2005 sp 2 or later, or 2008 (2005 Express Database included in installation, if so desired)).)

Hardware specification:

Processor:	min Intel Pentium III, 1 GHz
Internal memory:	min 1 GB
Hard disk drive:	min 30 GB
Hard disk access:	min 10.000 RPM

General information

Speed and performance is hardware dependent and if needed, more CPU power can be added.

Functionality shortlist

The business integration flows in iCIS may be configured and deployed without traditional coding. Real time integration is supported across the extended enterprise.

Transport

- WAN, LAN - request/reply, publish/subscribe, queue, synchronous and asynchronous
- HTTP(S), FTP, SMTP, MSMQ
- Options: OFTP, X.400, IBM WebSphere MQ
- Secured delivery

Message Routing

- Route and filter information to correct destinations
- Split/merge
- Routing rules, also based upon content

Process management and support

- Event driven architecture, real time support
- State management, supports long lived processes

Data capture and transformation

- Advanced data capture, including binary formats
- Validate, transform and link data
- Cross references, calculations

Message support and transformation

- Native e-business standard support
- XML, EDIFACT, X.12, Web Services

Trading partner management

- Generic, containing partner profiles
- Templates, inheritance for efficient volume handling

Adapters

- Standard interfaces to applications and ERP systems
- Support for several different processes

Scalability

- Advanced processing in multiple CPU and clustering
- True multitasking and use of threading

Fault Redundancy

- Security and fail over facilities, supports 24 x 365 use

Separated test and production environment

- Allows QA and testing in several steps
- Version handling