

3e Technologies International

3e Technologies International (3eTI) provides Integrated Technology Solutions through advanced software, hardware, and integrated services based upon e-devices, e-infrastructures and e-applications.

3eTI's InfoMatics Integrator offers a robust, turn-key solution with integrated security and management interfaces. It is driven by an efficient and small foot-print embedded operating system.

3eTI has proven technology leadership in the areas of Remote Monitoring, Highly Secure Wireless Networking, Integrated Sensor Networks, and Systems Integration.

Our solutions are designed to provide tangible benefits including TOC Reductions and ROI Improvements.

Our implementations leverage our Proven Technologies, Unique Products, Successful Department of Defense Programs, Federal Agency R&D, and a Strong Management Team.

InfoMatics™ Integrator

**Supporting Your EAI Strategy
with Borderless Integration**



- *Borderless Integration*
- *Cost Effective EAI Solution*
- *Expanded Capabilities*
- *Reduced Expense*

9715 Key West Avenue, Suite 500, Rockville, Maryland U.S.A. 20850
Tel: (301) 670-6779 Fax: (301) 670-6989 www.3eti.com info@3eti.com

e-Devices ► e-Infrastructures ► e-Applications

InfoMatics™ Integrator - Supporting Your EAI Strategy with Borderless Integration



3e Technologies International's InfoMatics Integrator is a Better Solution

Every major business strategy seeks to unify operations and client relationships by enabling departments, business units, and even partners to act as one. This unification requires close integration of data, processes, and applications. Until now, such broad-based integration has been associated with high costs and complexity. Sophisticated software, extensive programming effort, and ongoing maintenance were vital.

Dealing with integration difficulties has been a top IT concern for more than a decade. However, the industry's response has been fragmented. Software vendors have promoted middleware suites and integrated software families, but these enforced the use of proprietary standards that only interoperated within *their* solutions. This thwarted corporate efforts to integrate legacy systems and develop best-of-breed applications that marry innovation from various systems.

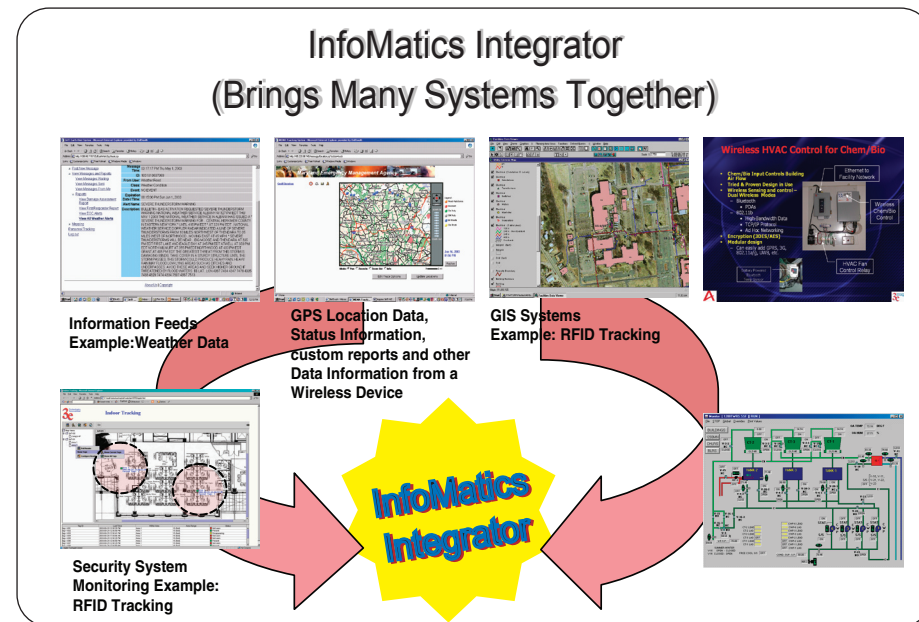
For the other option, in-house development, spending lots of money is just a first step. The next is lengthy, expensive training for top programmers. Joining systems together often requires specialized custom coding, with significant alterations to both the source and target systems to embed the middleware into the application or data store. The difficulty of this task is multiplied exponentially if multiple business units or even partners are involved. Vast complexities arise when multiple types of middleware are involved. Lengthy, costly integration projects perpetuate themselves, with no guarantees that the end result will perform as promised.

Now, the majority of application integration can be handled through InfoMatics Integrator's transformation engines and intelligent adapters to link internal and external applications while also providing a foundation for Web services integration. Why let the importance of business goals get lost in the IT complexity of most middleware solutions when InfoMatics Integrator provides a simple solution for your integration needs? The requirements are clear and so are the benefits of borderless integration.

Simplify Integration ... Borderless Integration

InfoMatics Integrator offers EAI transformations and adapters for common requirements where success depends on extensive integration involving extensive business rules, varying data requirements, and multiple processes. This integration beyond application borders is applicable to a wide range of projects, including Customer Relationship Management (CRM), supply chain collaboration, business intelligence, e-business, and corporate portals. No longer will extensive custom development be required to patch together the myriad of legacy systems to newly developed and evolving enterprise solutions. Borderless integration is now possible which will connect:

- New and old databases
- Web and client/server functionality
- Corporate and supply chain partner capabilities
- Mainframe and mobile applications



InfoMatics Integrator ... the Cost Effective EAI Solution

The benefits of borderless integration are clear. Leading industry analysts used to state that cross platform integration was the method of choice, but that the first transaction wouldn't get through the system until budget breaking dollars had been spent! That is overkill for all but the most complex requirements. For the majority of projects, InfoMatics Integrator's borderless approach, simplicity, and relatively low cost can produce coupled solutions, while lowering the

initial cost substantially. The result is that integration goals can be achieved more easily without the costs associated with lengthy projects and advanced programming talent. Since there's no need to make fundamental alterations in existing software, partners are more receptive to supply chain integration projects.

Enhancements and upgrades can be adapted and applied more quickly. Investments in legacy systems and evolving architectures are leveraged. More projects can be done in-house, saving time and avoiding escalating consulting costs.

Borderless Integration ... Expand Capabilities – Reduce Expense

InfoMatics Integrator enables borderless integration - a path through the EAI jungle. It focuses on the core middleware capabilities that simplify integration:

- Transformations
- Adapters

By focusing on these key aspects, borderless integration minimizes the number of interfaces that need to be maintained, while reducing the invasive, time-consuming alteration of numerous components, each with vendor-specific quirks. As a result, borderless integration projects supported by InfoMatics Integrator can focus on business goals and results rather than IT expense and development.

Some Successful Integration Projects

A major Law Enforcement Agency has implemented InfoMatics Integrator to enable tracking their field units worldwide. The Integrator collects and stores historical

information, combining technologies such as mobile wireless communications, mapping, GIS (Geographical Information Systems) and web access. It maintains real-time data on the location of assets and field personnel at a central location allowing rapid communication and response in emergencies.

A key military command center employs InfoMatics Integrator to improve coordination of condition-based monitoring sensors, track personnel and assets such as trucks, and provide visual confirmation of ingress/egress to sensitive areas with real-time radio links.

The U.S. Navy uses the InfoMatics Integrator as part of its ship board application, not just for gathering information but for diagnostics and prognostics, based on actual sensor data. If a critical system is going to fail, the chief engineer can be alerted in time. This allows more efficient maintenance, based not on "time in service" but on factual performance review.

Enterprise Integration Capabilities

- Integral robust relational database management system
- JMS (Java Message Service) is the J2EE (Java 2 Platform, Enterprise Edition) standard for Enterprise Messaging
- XML (Extensible Markup Language) is a well adopted standard for Enterprise data representation and integration
- Some vendors provide an implementation of the J2EE messaging standard JMS which is adopted by the Java community
- Other vendors provide their own proprietary messaging interface which is not approved by any standards group
- 3eTI's InfoMatics Integrator implements the best of both worlds with a messaging core that adopts the Java JMS standard and also publishes a thin XML layer for Enterprises that choose not to adopt JMS

