



for nuclear

Enterprise Information Management more powerful than ever before



Today, there is a solution for managing plant and asset lifecycles that not only captures, stores, and manages documents and content—but identifies and relates it directly to the physical equipment, systems, structures, and components across your entire enterprise.

Today, your organization can see and evaluate the impact of change before it happens so you can make better, more informed decisions.

Today, in spite of endless streams of ever-changing information, you can confidently rely on data integrity.

Today, there is Enterprise Bridge – eB.



eBenefits

- Reduces time and effort necessary to fully comply with regulatory requirements
- Manages change efficiently and reliably
- Incorporates an effective Configuration Control Information System (CCIS)
- Manages and controls all documents and records
- Improves safety and security
- Reduces costs and increases profitability
- Captures and retains operating experience and knowledge
- Reduces enterprise risk

TODAY'S CHALLENGES

Nuclear facilities are under constant scrutiny for meeting the highest levels of safety and maintaining strict regulatory compliance. Yet in today's competitive global energy markets, nuclear facility operators are also under constant pressure to reduce operational costs, improve productivity, and boost profits.

In spite of costly investments in asset management and records/document management systems, most plants still lack a cohesive, effective configuration management (CM) process that ensures conformance at all times between

- Design requirements
- Physical plant configuration
- Facility data, documents, drawings, and records

The IAEA Incident Reporting System shows that on average, 25% of recorded events are due to conditions adverse to quality (CAQ) between requirements.

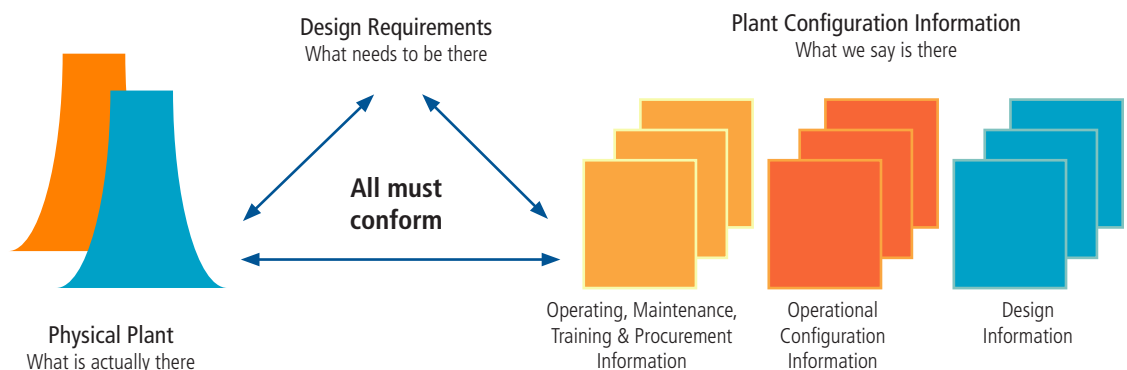
TODAY'S SOLUTION

Today, there is an information management solution that empowers you to meet all of those challenges. Today, there is eB.

eB is an Enterprise Information Management (EIM) solution that enables you to reduce the cost of meeting compliance requirements, minimize business risk, and optimize process efficiency.

eB allows facility operators to maintain the CM equilibrium collaboratively with powerful tools and resources that bridge data and physical assets.

Maintaining CM Equilibrium



eB Maintains Configuration Equilibrium by—

- Implementing the ANSI/NIRMA CM 1.0-2000 Guidelines for *Configuration Management of Nuclear Facilities*, the INPO AP-929 *Configuration Control Process Description*, and the IAEA Tec-Doc-1335 Standard for *Configuration Management of Nuclear Plants*.
- Establishing an effective Configuration Control Management System (CCIS)
- Managing and controlling all facility information, including documents, drawings, data, and records throughout their lifecycles
- Consolidating many legacy systems into a single integrated information management environment

HOW eB for NUCLEAR WORKS

eB provides a truly comprehensive information management solution for nuclear facilities by combining six core functions into a tightly integrated suite. These are:

Requirements management

Identifies, structures, and manages all nuclear requirements, including design, environmental safety, operational support.

Document management

Manages the creation, revision, and storage of all nuclear documents. Includes imaging, workflow, COLD/ERM, CAD, document control and copy distribution control.

Item management

Identifies and classifies all plant systems, structures, and components. Master equipment lists can control plant equipment and establish operational configuration baselines. Also permits tracking by position and serial number as required.

Change management

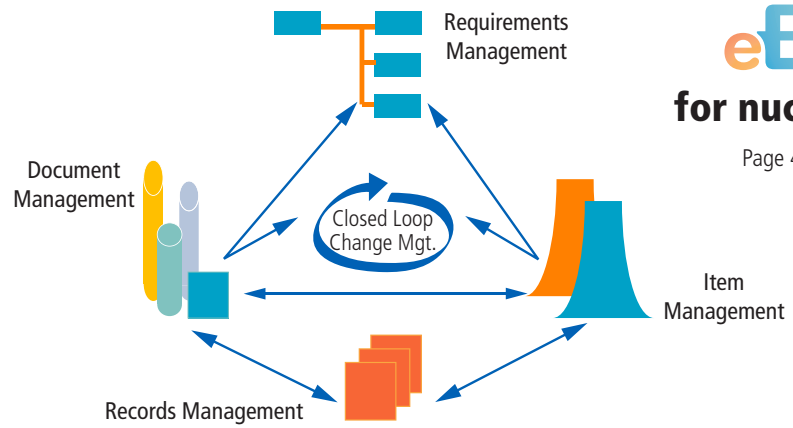
Provides a closed-loop automated process to ensure conformance and information integrity between requirements, physical plant configuration, and all facility information.

Records Management

Captures, securely stores, and manages all facility records to ensure regulatory compliance.

Corrective Action

Streamlines and automates the effective management of all CAQs and incidents, including condition reports, observations, customer complaints, defects, and audit findings.



eB for Nuclear Applications

eB applications vastly improve visibility, access, and the integrity of all relevant enterprise-wide information *in context*, while reducing both operating and IT costs and improving safety and compliance.

- Master Equipment List (MEL) management
- Functional Equipment Groups (FEG) management and control of design
- Plant life extension programs: major modification management and control of design documentation baseline
- Change and commitment tracking
- Vendor technical manual management
- Controlled procedures management
- Nuclear records management
- Corrective action request management
- Document distribution management
- Engineering drawing management
- Abandoned equipment management
- Work Package preparation for outage management

eB at work

The foundation of eB for Nuclear is eB, a document, configuration, and records management platform that provides a collaborative, enterprise-wide information management solution and that provides access from and integration with multiple sources and applications — from email to CAD.

Integration

Even if you already have an installed document management system and/or an asset management solution, eB for Nuclear is the solution that integrates these existing applications so you can manage change enterprise-wide. eB for Nuclear bridges the gap between disparate applications to ensure data integrity and improve operational effectiveness and safety.

eB Suite includes client-side integrations with popular CAD tools like AutoCAD and Microstation. A tight integration with Microsoft SharePoint provides an exceptional integration with Microsoft Office. eB QuickLink provides an extremely powerful, yet simple to use foundation for integrating with other enterprise systems like ESRI/GIS and IBM/Maximo.

Architecture

The eB SOA/n-tier architecture conforms to enterprise standards for scalability and extensibility. eB integrates quickly and easily with other business-critical applications through published Web services.

Enterprise Informatics

Enterprise Informatics offers the only commercial information management solution that ensures the integrity of controlled information by uniquely managing its connectivity to all other relevant information. By building bridges between documents, records, assets, people, processes and projects, our solutions create an ecosystem for the rapid access of accurate information in context.



Enterprise Informatics

Enterprise Informatics
10052 Mesa Ridge Ct
San Diego, CA 92121 USA
Toll Free: 800 992 6784

Enterprise Informatics Ltd.
Woolbrook House
Crabtree Office Village
Eversley Way, Thorpe
Surrey TW20 8RY
United Kingdom
Tel: 44 (0) 870 890 8000



www.enterpriseinformatics.com

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