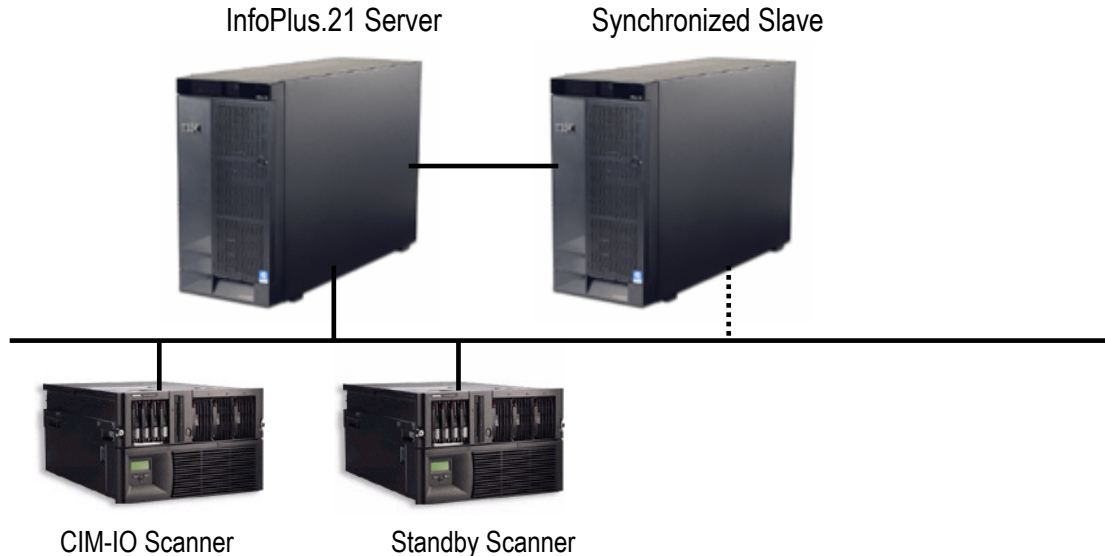


E!RedundancyTM

Automated Redundancy for AspenTech InfoPlus.21TM Environments



Automatic Synchronization of

- **InfoPlus.21 Database**
- **InfoPlus.21 History**

Automatic Switch to Standby CIM-IO Scanner

Rapid Activation of Slave Server

Minimal Impact on Users & Applications

No Special Hardware Required



Systems Integration
for the Process and
Manufacturing Industries

“If your data is not collected or not accessible, it has no value.”

E!Redundancy is a major step forward in increased reliability and availability of mission critical InfoPlus.21 information systems. Together the RIP and RIO modules dramatically improve uptime, availability and data collection.

Windows Graphical User Interfaces ease configuration and monitoring of redundancy activity.

E!Redundancy Main Features

InfoPlus.21 Synchronization

- Database Snapshots
- Active Repository Filesets
- Shifted Repository Filesets
- User-Specified Files
- Transparent to Users & Applications
- Rapid Cutover to Backup
- Minimal (likely Zero) data loss!

CIM-IO Redundancy

- Automatic, Tunable Detection of Primary Failure
- Automatic Cutover to Secondary
- Simplified Recovery

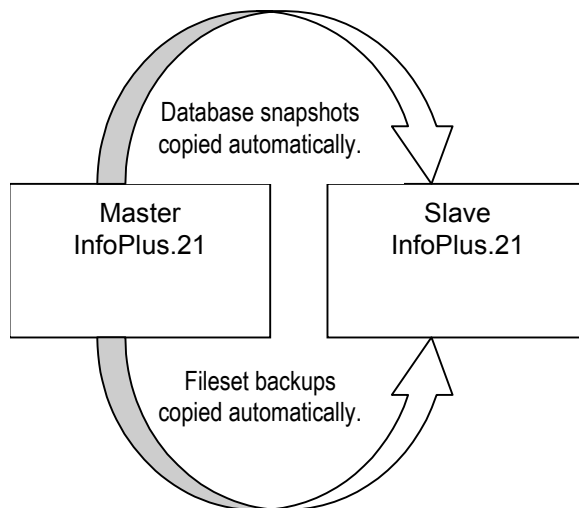
Notification of Significant Events

Windows GUI Configuration



System Requirements

- InfoPlus.21™
- Slave InfoPlus.21 Server (like the Master)
- Second CIM-IO Scanner (like the Primary)



*We deliver exceptional value to our clients by
combining state-of-the-art technology with outstanding people*

SYSTEMS INTEGRATION EXPERTISE

- Process Information Systems
- Real-time Databases
- Relational Databases
- Applications Development
- User Interfaces / GUI
- Data Flow Optimization

APPLICATIONS EXPERTISE

- SPC / Six Sigma
- Batch Tracking / Management
- Production Accounting
- Laboratory Systems
- Blending
- Control & Optimization

PROJECT ACTIVITIES

- Plant I/T Strategic Planning
- Project Management
- Staffing / Execution
- Training
- Technical Support
- Benefits and Risk Audits

INDUSTRY EXPERIENCE

- Refining
- Petrochemical
- Oil & Gas
- Manufacturing
- Glass
- Textiles

OTHER ELLIPSYS PRODUCTS

E!Assist™

- InfoPlus.21™ System Health Monitoring and Alarming

WebPFD™

- Microsoft Visio-based environment for maintaining process flow diagrams and publishing to Web.21
- GCS, Process Explorer, and TDC3000 to Web.21 Display Conversion

E!PlantBalance

- Real-time, On-line Material Balance

E!QT

- InfoPlus.21 Excel Query Tool

E!LIMS

- Automated data retrieval from LIMS or other external data stores



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*Founded in 1995, Ellipsys is a full-service premier
systems integrator for the complete Aspen
Technology product-line...*