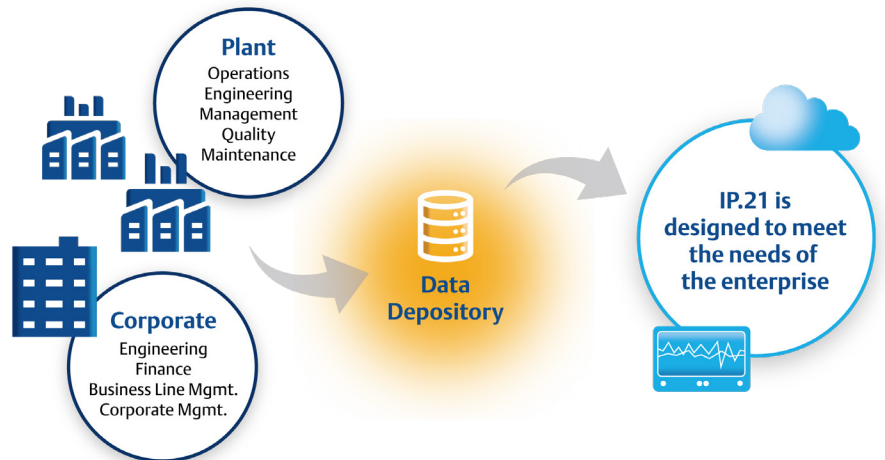# ECI

Aspen Enterprise IP.21: Fast. Flexible. Reliable.

With the evolution from data storage to industrial data management platforms, ECI is supporting forward-thinking manufacturers with a variety of professional services to support data integration, archiving, asset modeling, visualization, and analysis.

As your AspenTech® Implementation Service Provider, we support Aspen InfoPlus.21® (IP.21), a flexible industrial process data historian and real-time application platform for batch and time-series data. IP.21 can quickly and effortlessly replace your current historian using our expertise coupled with sophisticated migration tools.

aspentech

IP.21 is Designed to Meet the Needs of the Enterprise

- **Data Aggregation:** Makes data available to all users and applications; reduces stranded data by connecting small sites, with or without data historians

- **High Availability:** Provides redundancy and eliminates the ripple effect of data loss, 24x7x365

- **Sophisticated Load Balancing:** Enables the system to be highly responsive and distribute user load

- **Features That Matter:**
  - Multiple, configurable history repositories
  - Supports 1 million+ real-time records and custom objects
  - Steady state write speed up to 50,000 points/second
  - Systems accommodation for up to 400,000 tags

Plant
Operations
Engineering
Management
Quality
Maintenance

Corporate
Engineering
Finance
Business Line Mgmt.
Corporate Mgmt.

Data Depository

IP.21 is designed to meet the needs of the enterprise

IP.21 can quickly and effortlessly replace your current historian. If your current historian is not providing the level of local support you need—or if the pricing model no longer works for your situation—consider migrating to IP.21.

ECI Makes Migrations Manageable

Our professional services team has developed several migration tools to manage the export from another historian into IP.21 format and import data into a target IP.21 system. Additionally, our conversion utility can help with the heavy lifting of migrating static graphics, remapping your tags, and bulk exporting of data.

Not Convinced Yet?
See Our Feature-by-Feature Comparison Chart

ECI

Aspen IP.21 vs. The Others

Licensing

Token Based Licensing	✔	✘
• Access to All Products Included	✔	✘
• Flexible	✔	✘
• Support Included	✔	✘
Historian Licensing	✔	✘
• Interfaces Included	✔	✘
• Area Models Reduce Tag Counts	✔	✘

Historian Feature

Standard Tags	✔	✔
• KPI, SPC, OEE	✔	✘
• SQLA Tags	✔	✘
• User Customized Definitions & Tags	✔	✘
• Multiple Parameters per Tag Historized	✔	✘

Software Synergy Built Into Aspen MES

APC Integration	✔	✘
Plant Scheduling	✔	✘
MES System	✔	✘
Workflow Management	✔	✘
Asset Performance Management	✔	✘
Digital Twin Model Tuning	✔	✘
AI Integration	✔	✘
Process Optimization	✔	✘

Other Key AspenTech Features

Data Modeling

- **Versioning**
- **Templates**
- **User Definition**
- **KPI Support**
- **Maintains Master Data to Aspen MES**

Calculations

- **Real-time & Scheduled**

Visualization

- **HTML5 Web Based**
- **Process Graphics**
- **Dashboards**
- **Trending**
- **Search**

Analytics

- **Advanced Analytics**
- **Batch Analysis**