

FIX32 Migration





Capitalise on your existing software investment and minimise business risk

In today's world, communication and information technology systems develop and evolve rapidly. Conversely, due to their critical and complex nature, automation and monitoring systems remain unchanged for many years, often decades.

The FIX32 SCADA system (originally provided by Intellution and latterly by GE Intelligent Platforms) and the Mitsubishi MX32 OEM version have not been developed since 1999 but are still widely used by manufacturers globally. Therefore, it is highly unlikely they will be compatible with modern operating systems and supporting infrastructure components. Upgrades and patches will no longer be available.

It is a challenge for managers to decide whether to keep or retire these legacy applications. Despite the age of the software and its poor fit with modern hardware, the bulk of a company's manufacturing processes may be locked up in these legacy systems.

Concerns over prohibitive migration costs, a significant risk of downtime, post-migration start-up issues and operator re-training considerations often prevent action being taken.

The reality is that a migration from FIX32 or MX32 to iFIX using Astec's proven migration tools and services can be a painless, low risk, low cost and rapid solution. iFIX is proven and reliable technology benefiting from a strong future product development roadmap.

It is fully supported and is compatible with the latest operating systems and computer hardware. This significantly reduces risk compared with a legacy system in the event of a software or hardware failure.



iFIX puts you in control. iFIX offers a robust SCADA engine, a rich set of connectivity options, an open architecture and highly scalable and distributed networking model.

Used in a variety of applications across diverse industries, it is ideally suited for applications from a simple HMI application such as manual data entry and validation to complex SCADA applications such as batching, filtration and distributed alarm management.

It also complies with industry standards making it an ideal part of a more IT-focused real-time data management system. Providing a window into your total operations cycle, iFIX capitalises on your software investment and reduces risk by enabling faster, intelligent control and visibility into your operations.

By documenting the entire data migration process Astec provide a comprehensive audit trail. Extensive, interactive testing and validation tools ensure the source data can be quickly and easily validated from the very beginning.

Our knowledge and experience enables us to work with a wide range of databases including Microsoft SQL Server, Oracle, MySQL & Microsoft Access. We can also extract data from other sources such as MRP/ERP systems, CRM systems, spreadsheets, text documents and even unstructured data in CSV files.



Migration Process

Astec offers a hassle-free, turnkey migration of your legacy software. Our project managers will oversee all project tasks from system investigation and engineering, through configuration, migration, testing and acceptance to installation and commissioning, user training and start up support. This assures our clients a smooth transition to the new iFIX system. In the majority of cases, this transition can be achieved with little or no system downtime.

Benefits of migration vs replacement system.

- Extend product life by approximately 10 years
- No downtime
- Little or no retraining required with the intuitive user interface
- Functionality is improved, especially with Historian data capture
- Able to support existing business process
- Fraction of the capital expenditure required
- No need to re-design existing system methods





Improving Operational Effectiveness

Astec strives to improve operational effectiveness and profitability for our clients by delivering specialist management, production and monitoring information technology solutions.

We implement solutions for many of the world's leading enterprises across numerous sectors including Broadcasting, Food & Beverage (F&B), Power Generation, Utilities, Pharmaceuticals and Consumer Packaged Goods (CPG).

Astec is a Premier Solution Provider (PSP) for GE Intelligent Platforms. Our strategic partnership enables us to utilise our unrivalled product experience and depth of knowledge throughout Europe and North America.



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