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Intelligent Project Solutions

engineering solutions - delivering efficiencies

www.fma.uk.com

fma understands

Welcome to the experts in project management, process design and systems integration

Right across industry, FMA delivers the solutions that improve performance, enhance efficiency and maximise yield.

As project solutions specialists across numerous sectors, we work closely with our clients to provide the advice and expertise that can deliver real change to business.

From outstanding project management, innovative process design and industry-leading control technologies, to highly specialised plant automation, you can count on FMA to listen, understand and advise.

Proudly independent, totally impartial – and with the skills to deliver the most demanding of complete turnkey projects – FMA is renowned for uncompromising service, genuine technical excellence and exceptional cost effectiveness.



Working together to establish the solutions you need

FMA provides intelligent project solutions that are essential for success.

From multi-million-pound turnkey projects to simple control applications, we work hand-in-hand with clients to design and develop class leading systems.

Established in 1981, we are one of the UK's premier names in project management and process engineering.

As the 'Principal Contractor of Choice' for numerous prominent names across the brewing, dairy, food, energy and pharmaceutical sectors, our knowledge of mechanical, electrical and process design is unrivalled.



fma designs



Experienced teams

Good design is at the very heart of intelligent process technologies and the FMA approach.

Understanding each client's unique market sector and positioning, we appreciate, better than most, those mission-critical objectives and long-term corporate goals.

Committed to the concept of 'total project ownership' – and by looking at each challenge from every conceivable angle - our process, mechanical, software and plant utilities design specialists are frequently able to suggest unique ways of meeting client requirements.

With a global track record of delivering complex turnkey tasks on time, within budget and to specification, you can rely on FMA.



Attention to detail

Our experienced project managers work with you from the outset to establish precise objectives.

Working with clients from earliest stages of project development and creating a detailed User Requirement Specification, FMA design and build complete process systems.

Highly responsive to client needs and requirements we handle all project design elements from P & ID's, pipework, detailed fabrication drawings, electrical design and instrumentation.

FMA employ the best and latest CAD technology including 3D modelling capabilities.



fma installs



Site management, construction and installation

Electrical and mechanical installation is carried out to uncompromising levels from FMA designs.

Rigorous in-house management procedures are applied to subcontractors and our own highly qualified teams carry out commissioning of automation and control.

Commissioning schedules and risk assessments are meticulously prepared. While a flexible 24/7 approach enables us to work around the most demanding of productions routines.

Multi-skilled in site management both at home and overseas, and with an excellent Health & Safety record, professional subcontractor management capability, systems commissioning and operator training expertise, FMA ensures minimum disruption to your business while working to the highest safety standards.



Uncompromising Health & Safety

FMA's excellent Health & Safety record is a result of close liaison between project and client teams.

Our policy of ongoing Health & Safety training ensures all personnel are aware of current requirements and a detailed plan is established for all sites.

Frequently employed as Principal Contractor, we comply with all CDM regulations. We hold the RoSPA Gold safety award and we are accredited under the National Britannia SAFE contractor scheme.

Key FMA employees hold NEBOSH qualifications and all site managers are IOSH 'Managing Safety' Qualified and CITB accredited to the Site Management Safety Training Scheme. FMA is also a British Safety Council Registered Training Centre.

fma integrates



System specifications, development and control technologies

Our intimate knowledge of both legacy and current technologies enables us to deliver maximum benefit from new and existing systems.

Our detailed knowledge of the vast majority of PLC and control systems used across industry, combined with unrivalled systems development and software expertise, ensures the smooth integration of all projects, of all sizes, from “shop floor to top floor”.

Inevitably, the key expectation from new systems is greater information and enhanced control.

The result is more effective plant control, increased efficiency and accurate, timely production-critical information.



Process simulation, commissioning and training

With considerable expertise in the development and application of simulation tools, we are able to create “total plant simulations” at the very earliest stage.

Working closely with on-site client teams, we go to exceptional lengths to ensure that our solutions not only satisfy operational requirements, but also are sufficiently flexible to anticipate future strategic developments.

This approach enables us to ensure that our control systems can be commissioned on site quickly and effectively, and allows for the rapid implementation of modifications.

Simulation significantly reduces commissioning time and is used to ensure that client staff are familiar with new technologies from day one.

Training programmes are tailor-made to meet specific requirements and client needs.

Legacy systems upgrades and plant modifications

Increasingly, organisations demand greater longevity from their production facilities, all while seeking to demonstrate the highest levels of good corporate practice.

FMA has a proud reputation regarding the provision of control system upgrade projects and is able to provide valuable legacy support to the more popular, as well as more obscure PLC, ensuring control technologies remain fully supported.

FMA will undertake full site audits prior to producing the detailed description of process operations and the conversion of legacy code.

FMA also regularly completes detailed plant modifications to increase plant capacity, capability and flexibility.



fma delivers

Delivering real business solutions

More than ever before, manufacturing industry seeks to improve product traceability, reduce costly plant downtime, minimise product wastage and monitor vital Key Performance Indicators.

With an impressive track record of delivering control system packages geared to providing vital process data at SCADA, MES and multi-site 'Enterprise' level, FMA has the people, tools and experience necessary to maximise your return on investment in both plant automation and process control.

Employing Microsoft qualified engineers, FMA seamlessly integrates production facilities vertically, with Corporate Business Enterprise Systems, interfacing with many industry standard systems.

Allied to FMA's turnkey capabilities we deliver a "concept to completion" service with a culture of project ownership and uncompromising standards.



Long-standing client partnerships

FMA has a reputation for delivering on time, on budget, and for excellent client satisfaction.

Our client base is extensive and embraces organisations across the brewery, dairy, liquid processing, pharmaceuticals, fine chemicals, food manufacture, energy and materials-handling sectors.

We have built-up trusted partnerships with organisations of all sizes, while our considerable understanding of indigenous working practices has helped establish our company as the preferred choice for numerous project management, process design and solutions integration tasks both in the UK and internationally.

