



your partner in automation

Collaboration
Innovation
Expertise

Project Management
Engineering
Consulting

When you need to

- Change your automation asset
- Improve your plant performance
- Design a new automation solution
- Align plant operator performance with your automation philosophy
- Integrate your automation with your business system
- Draw on the right expertise
- Engineer a key project
- Integrate new applications
- Integrate legacy and new generation systems
- Build knowledge capital

GROUPCYTEK

your partner in automation

The process and business automation company.

Providing consulting, project management and engineering services.

Focusing on systems, processes and people.



The GROUPCYTEK service

GroupCytek provides platform independent, plant to boardroom automation solutions. We develop new automation systems, from design through to implementation and commissioning. We work with our clients to improve the performance and functionality of their installed process, manufacturing and business solutions.

With the right expertise, automation has huge potential for performance improvement and increasing shareholder value. Our collaborative way of working, our innovative approach and technological capability enable us to define and implement the most productive solution for your specific situation.



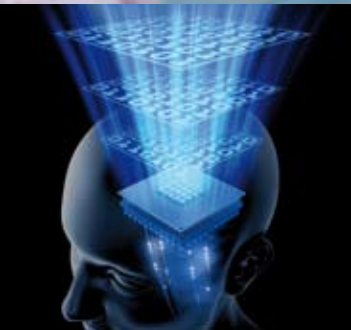
Collaborative way of working

- We work in partnership with end users, specialist engineering contractors and systems integrators
- Our flexible services are tailored to your particular requirements
- We have the capability to work on every activity from design through to handover



Innovative approach

- Platform independence allows us to choose the best fit solution for you
- We transform raw data into useful business intelligence
- Our holistic approach to systems, people and processes fully capitalises the value of your automation investment



Expertise in technology

- A strong team of project managers, consultants, systems and application engineers, comprising of over 200 staff and associates
- A senior management team whose combined industry experience exceeds 150 years
- Specialist outsourcing capability using resources from our Cytek India associate
- The application of global best practice and adherence to ISO, GAMP and other industry specific quality standards

Our clients

Global companies in the oil, gas, petrochemical, fine and bulk chemical, pharmaceutical, water, power, industrial manufacturing, integrated infrastructure and logistics industry sectors.

Achieving your business drivers



To achieve success in today's competitive climate, companies need to continually strive towards increasing shareholder value. This requires a sharp focus on:

- Growing return on investment
- Increasing productivity
- Reducing operational costs
- Achieving operational improvements
- Improving product quality
- Optimising capital asset performance

Adding value through automation

As well as providing robust and reliable control, automation can help achieve your business goals by providing real-time and transactional data which can be transformed into useful information. Automation is the key to unlocking the knowledge value in your people and systems and the core to building valuable knowledge capital.

The design, engineering and project management of the automation system should:

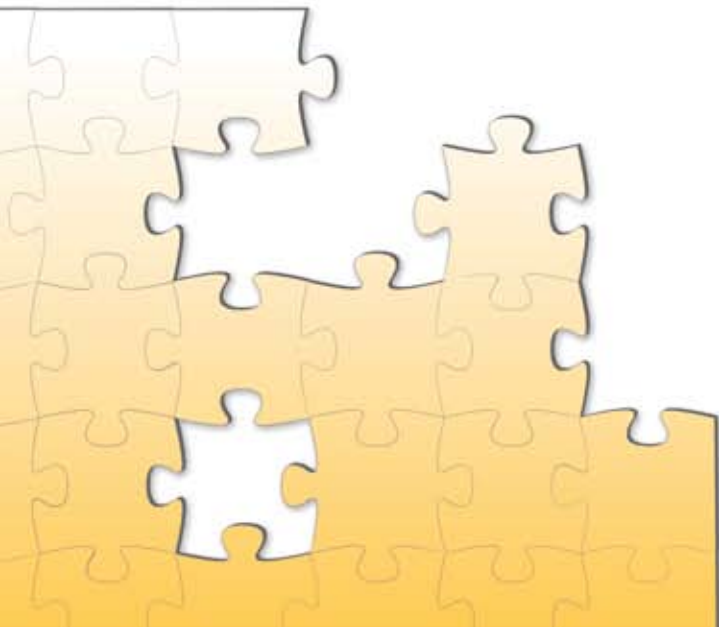
- Ensure the data flows to the desktop of the right person
- Achieve optimised plant to boardroom system performance
- Unlock the knowledge in legacy systems
- Seamlessly integrate legacy and new systems
- Facilitate integration of future new applications
- Promote optimal ERP and supply chain system performance

Applying our expertise

GroupCytek's expertise can be applied across the complete automation enterprise.

No automation scope is too small, no automation project too complex. We can begin exploring your needs and production bottlenecks, and assess the payback opportunity without the requirement of you providing a detailed up front specification.

We help you realise significant benefits for your business.



Collaboration, innovation and expertise From design to implementation

An integrated methodology delivering

- Business needs analysis
- Business case development
- Technology auditing
- Automation platform design
- Project management
- Engineering
- Implementation and commissioning

Supplied from one or a combination of GroupCytek's three operating divisions

CYTEK **CONSULTING**

Plant Wide Automation Studies
Front End Engineering Design
MES Specification and Implementation
Knowledge Transformation
Business System Engineering
Asset Management Data Engineering

CYTEK **PROJECTS**

Automation Project Management
Industry Application Engineering
Automation Software Engineering
Client Representative Engineering
Main Automation Contractor
Validation and Regulatory Compliance

CYTEK **AUTOMATION**

Automation and Control Systems
Legacy System Inter-connectivity
PLC and SCADA System Solutions
Integration of Systems
Control and Instrumentation Engineering
Commissioning Project Management

An integrated methodology approach

- Qualifies the intangibles
- Quantifies the opportunity
- Agrees the solution
- Manages the tangibles
- Delivers the solution
- Transfers the knowledge

An innovative solution

Accessing value from your capital investment

We look outside the traditional perspective, taking a holistic view that reaps greater value from your automation systems. The return on the investment in your systems is measurable but processes and people also have enormous potential for delivering sustainable performance improvements.

Systems

- Inter-operability
- Inter-connectivity
- MES/ERP/Process data flow & route
- Legacy versus new generation
- Life-cycle performance
- Adaptability to meet critical business needs

Process

- Data flow bottlenecks
- Right data format
- Right person at right time
- Knowledge transfer
- Changing business needs flexibility
- Alignment to customer needs
- Building competitive differentiation
- Corporate governance
- Local autonomy



People

- Attitudes
- Adaptability to change
- Skills availability
- Training
- Motivation
- Performance measurement
- Career development
- Managing expectations
- Continuous improvement
- Change management

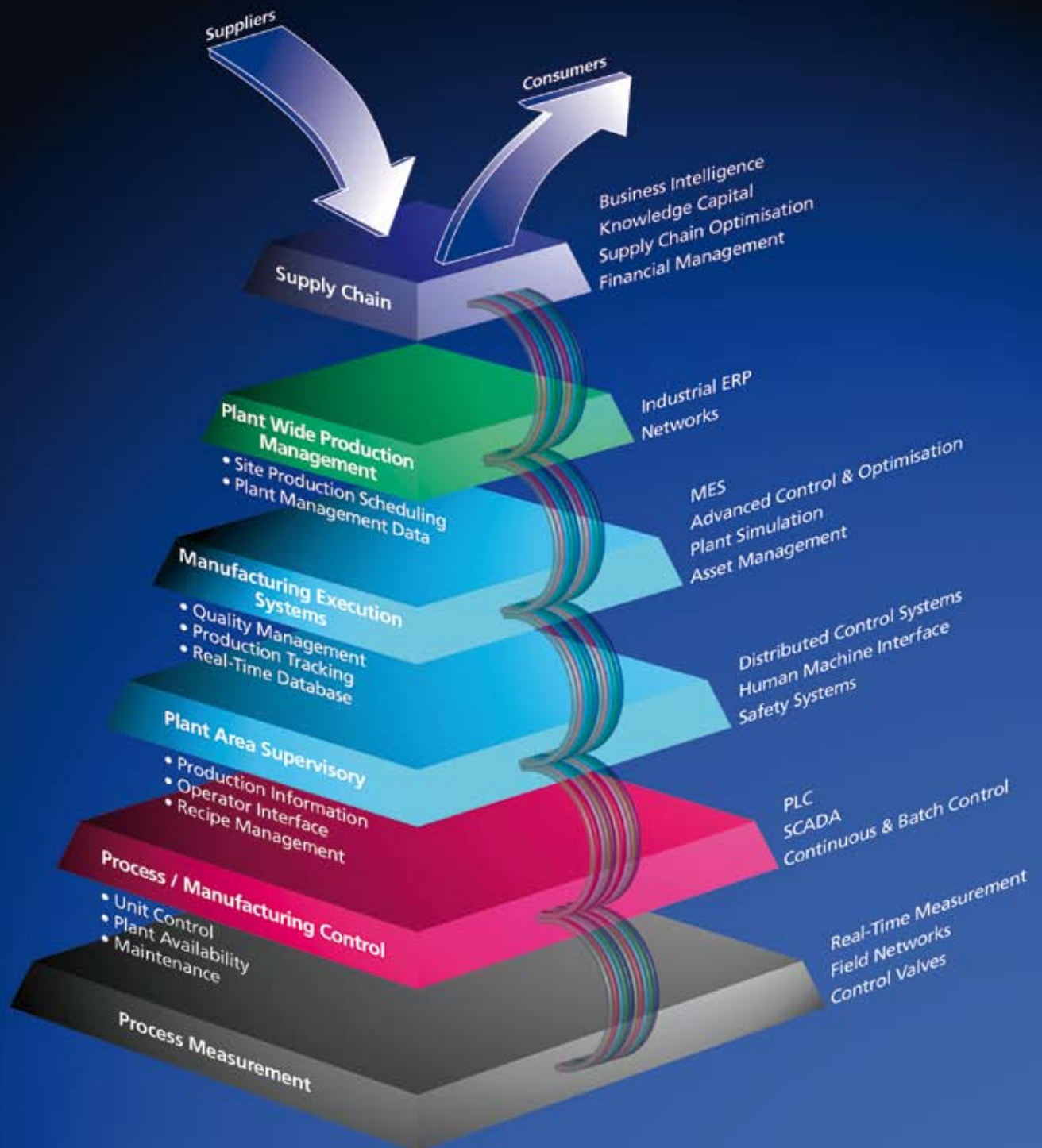
The greater the overlap between the systems, the process and the people, the greater operational and financial payback opportunity. We work with you to maximise the return within your business environment.

Our methodology ensures data in the right format reaches the right person at the right time, so that your automation assets are exploited to their full value.

An innovative solution

The GroupCytek divisions support and deliver innovative technology solutions:

- Throughout the total process and manufacturing automation enterprise
- Across the entire supply chain



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