



Solutions for industry



Regional Business Units... at the service of **optimisation**

Specialised in:

- electrical engineering
- industrial automation and data processing
- instrumentation
- mechanical engineering



Actemium, network of VINCI Energies entirely dedicated to industry, is comprised of:

- ⊕ 110 Business Units across Europe
- ⊕ 5 500 engineers and technicians
- ⊕ 620 million euros in turnover

Process know-how at the heart of production

Dynamic and autonomous, Actemium Business Units are located close to industrial sites for over 50 years. Therefore they have a full understanding of their customers business and environment.

Network experience

Networking between Business Units enhances response time, performance and available expertise. Actemium is equally capable of meeting local as well as global clients demands.



Specific solutions to meet **industrial requirements**

Faced with changing markets and regulations, understanding needs and offering relevant solutions are the keys to productivity.

The Actemium Project Manager will offer comprehensive and varied expertise, either to revamp existing installations or create new ones.



A major asset: **Actemium networking**

A truly unique project approach, twinning consists of setting up an *ad hoc* team by associating the account manager with business units specialized in the relevant processes, techniques or sector of activity. This project approach brings the most skilled and qualified resources to the task.

Actemium offers the best of its Business Units throughout Europe

To be an Actemium Business Unit means satisfying high-level requirements as well as sharing values such as solidarity, creativity, professionalism and transparency.

All our teams study and implement an entire range of solutions using a methodology that guarantees quality while satisfying time and budget restraints.



Proven expertise, from conceptual design to implementation



ELECTRICAL ENGINEERING

- High Voltage & Low Voltage (HV/LV)
- Power assessments
- Electrical diagrams (CAD)
- Cabinet design and assembly
- Site installations
- Compliance upgrades



INSTRUMENTATION

- PID studies and design
- Instrument loop diagram design
- Equipment specification
- On-site instrument assembly
- Calibration and loop test
- Industrial analysis



AUTOMATION AND DATA PROCESSING

- PLC, DCS
- Program simulation
- Safety-system design and engineering
- Human-machine interface and supervision
- MES (Manufacturing Execution System)
- Data acquisition and processing
- Remote and telecontrol systems



MECHANICAL ENGINEERING

- Specific machines
- Hydraulic and pneumatic equipments
- CAD studies / Robotic simulation
- Installation and robotic trajectories
- Turnkey systems
- Installation and test in shop
- Commissioning on site
- Multi technical equipment relocation

www.actemium.com

An approach focused on **processes**



As a Plant Integrator, Actemium covers all needs, from power supply to ERP system interface.

From design engineering to equipment and installation commissioning, the production chains benefit from its expertise and Actemium's proven experience in processes, procedures and systems.

➤ Automotive

Stamping, body assembly, handling, painting, final assembly, etc. According to requirements, Actemium is either a project manager, turnkey project contractor or integrator when designing production plants. Actemium is a dedicated partner of vehicle manufacturers and their suppliers. Its teams deploy high-performance systems, from consultancy to project completion.



BMW ■ FORD ■ GENERAL MOTORS ■ HONDA ■ JAGUAR
■ PSA PEUGEOT CITROËN ■ RENAULT ■ TOYOTA...



➤ Food Processing

Manufacturing, processing and packaging: Actemium operates in all stages of the industry and provides process control solutions for traceability and product origins.

Actemium teams are dedicated to the highest product quality and strictly comply with food hygiene and security regulations.

BAVARIA ■ CAMPINA ■ DANONE ■ HEINENKEN
■ KRAFT FOODS ■ MASTERFOODS ■ MENEBA
MEEL ■ NESTLÉ ■ NUTRICIA ■ PURINA ■
SOJASUN ■ UNILEVER...

➤ Capital goods

According to your requirements, Actemium is an integrator of turnkey solutions from consultancy to upgrading of an entire assembly line, including designing machines, testing and control.

Actemium teams possess the means and expertise required to develop and streamline production processes.

AIRBUS ■ ALTADIS ■ CROWN ■ DASSAULT
■ FAURECIA ■ JOHN DEERE ■ MICHELIN ■
ROCKWOOL ■ SAINT-GOBAIN ■ SIEMENS VDO
■ SNECMA ■ SNR ■ TRW ■ US CAN ■ VALEO
■ ZODIAC...



➤ Bioenergy

For more than 10 years, Actemium has supported the alternative energy industry for biomass development.

Its unique approach and proven experience in bioethanol distilling plants or transesterification for biodiesel facilities guarantee the high standards of Actemium's engineering, electrical installations, instrumentation and automation.

CARGILL ■ CHOREN ■ DIESTER INDUSTRIE ■ DE SMET
■ LURGI ■ SNC LAVALIN ■ SUDZUCKER ■ TECHNIP ■
TEREOS ■ TOTAL...



➤ Pulp / Paper

Paper pulp consistency, temperatures, pressure and output, speed, weight, etc. Actemium teams build on their in-depth knowledge of paper production lines, to develop data acquisition, monitoring and real time control solutions.



ABB ■ ARJO WIGGINS ■ KIMBERLEY-CLARK ■ LEIPA
■ METSO ■ M-REAL ■ NORDLAND PAPIER ■
STORA ENSO ■ UPM-KYMMENE ■ VOITH PAPER...



➤ Energy

Hydraulic and thermal energy as well as wind power, etc. From design to installation, Actemium implements its expertise in HV/LV networks, stations and substations, switchgears and process controls for numerous power production plants in Germany, Great Britain, France, Sweden and other countries.

EAALBORG ENERGY ■ ABB ■ BIOPOWER ■ CNR
■ EDF ■ EON ■ EVN BIOMASSE ■ GDF ■ JÄRVI
SUOMEN ■ MVV ■ POWEO ■ PROKON ■ TOTAL
■ SIEMENS...

➤ Environment

Waste recycling management systems: from sorting to incineration via waste methanisation or fumes treatment, Actemium operates at the core of the waste disposal industry.

Waste water treatment: from pumping to distribution of water, Actemium has mastered all the industry's requirements for water treatment. Its expertise provides the rigor required for controls and process traceability.



DEGRÉMONT ■ FOSTER WHEELER ■ KAB TAKUMA ■ LE GRAND LYON ■ MC CAIN ■ NOVANDIE ■ NOVERGIE ■ ONYX ■ OTV ■ PROCINER ■ SIAAP ■ SITRU ■ SYCTOM ■ TERIS ■ VEOLIA ■ VINCI ENVIRONNEMENT ■ MANNHEIM CITY ■ VNF...

➤ Infrastructure

Traffic management, luggage handling, traveller information, etc. In the field of infrastructure management, Actemium sets up industrial data systems that enable operators to optimize the management of their sites.

PARIS AIRPORTS ■ LYON ST-EXUPERY AIRPORT ■ LONDON - HEATHROW AIRPORT ■ AMSTERDAM - SCHIPOL AIRPORT ■ ASF ■ COFIROUTE ■ ESCOTA ■ PORT OF MARSEILLE ■ PORT OF LE HAVRE ■ RATP ■ SNCF ■ VEOLIA...





➤ Logistics

From warehouse management and order processing to shipping and control systems, Actemium integrates proven solutions or develops tailored applications encompassing all customer needs.

AIR FRANCE CARGO ■ ALTADIS ■ AMAZON.FR ■
DEPOLABO ■ HEINZ ■ IMPRESS ■ LABORATOIRES
SERVIER ■ LEAR ■ SWEDISH MATCH ■ UNITED
BISCUITS ■ VALEO SERVICES ■ VANDERLANDE
INDUSTRIES ■ YVES ROCHER...

➤ Materials

Extraction, crushing, drying, grinding, baking, etc. From the quarry to manufactured products, Actemium provides electrical distribution and automation solutions specifically designed for the main sectors of the materials industry.

Its teams revamp the existing units or take part in designing/building new ones throughout Europe.



ARCELOR MITTAL ■ CALCIA ■ EUROVIA ■ IMERIS ■
LAFARGE ■ PLACOPLATRE ■ ROCKWOOL ■ SAINT-
GOBAIN ■ SAVERGLASS ■ VICAT...

➤ Petrochemicals and chemicals

Distillation, steam cracking, polymerisation, aromatic extraction and mixing or storage, Actemium designs and packages efficient solutions in electrical, instrumentation and process control in compliance with quality and security standards: «ISO, UIC, MASE, Atex», etc.

AIR LIQUIDE ■ AKZO NOBEL ■ ARKEMA ■ BASF ■ BAYER
■ COATEX ■ CRAY VALLEY ■ DANISCO ■ DEGUSSA ■
DOW ■ DSM ■ DUPONT ■ EXXON MOBIL ■ LINDE GAS
■ MERCK ■ PCK SCHWEDT ■ RHODIA ■ ROHM HAAS ■
SOLVAY ■ TOTAL...



➤ Pharmaceuticals and cosmetics

From laboratory equipment to conditioning units, Actemium guarantees turnkey solutions that comply with «Fastrack» schedule quality standards and current regulatory requirements (FDA, BPF, GMP...).

ASTRAZENECA ■ BIOMÉRIEUX ■ GUERLAIN ■ GSK ■
JOHNSON & JOHNSON ■ LILLY ■ L'ORÉAL ■ MERCK ■
MERIAL ■ MSD ■ ORGANON BIOSCIENCE ■ PFIZER ■ ROCHE
■ SANOFI-AVENTIS ■ SOLVAY PHARMA ■ YSL BEAUTÉ...

The **Actemium** network effect

Integrating customers' requirements

To meet the standardisation requirements of our large corporate accounts, Actemium uses experienced account managers who fully understand the organisation and the industry. Playing a key role, interfacing between customers and the Actemium network, these coordinators accompany the industrial structures in their efforts to optimise efficiency of production.



Competence centers and clubs

BUs in the same sector of activity share their know-how within our European competence centers and clubs. This permanent exchange promotes innovation and development of new solutions in anticipation of evolving market and client needs.