

Discover NEU-JKF Automation

AUTOMATION SOLUTIONS FOR INDUSTRY

Who we are ?

Founded in 1985 NEU-JKF Automation, part of the NEU-JKF Group, specialises in the development of control systems for industry.

The team of engineers has gained experience worldwide from a wide range of installations for all industries: Petrochemical, food, pharmaceutical, chemical, mining...

Also, first class engineering companies recognise in NEU-JKF Automation the expertise and commitment to provide optimal solutions in compliance with international safety regulations.

Our business sectors

- Industrial sector : food
- Hospital sector
- Tertiary sector : maries, museums, data center...
- Environmental sector : water, waste sorting...

Spirit of service



Keep a high level of production

Measuring performance

Maintain the highest level of production and ensure that people, processes and machines are working in harmony.

Effective management of production operations starts with the **identification of performance indicators**. They help to collect data, improve and set priorities.

Optimising the use of materials and equipment

Automated supervision allows you to **monitor the efficiency of the production line** and events related to downtime and incidents.

The system allows you to establish best practice when **comparing the performance efficiency** of one line against another or one piece of equipment against another.

Maintain and increase product quality

Automation enables the **maintenance of consistent product quality** to meet your quality specifications.

It also **reduces waste** and improves yields by using control and analysis.

OUR SKILLS AND COMPETENCES



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The industry sector

- Programmable Logic Controllers
- Supervision
- Industrial networks
- Batch system development [NEUBATCH]
- Recipe and traceability solutions (S88)
- Wired and radio computer networks
- Specific development (driver, web, .net)
- Database applications
- Client/server solution



The tertiary sector

- Building management and hypervision
- Heating, ventilation and air conditioning (HVAC) control
- Electrical engineering management
- Lighting and blinds management
- Dynamic office reconfiguration
- Access control, video protection and intercom systems
- Energy measurement and management, energy performance optimisation



The environment sector

- Supervision software: TOPKAPI, PANORAMA, PCVUE, ...
- Remote management automats: SOFREL, PERAX, TBOX, WIT, ...
- Communication techniques : ETHERNET, GSM, RTC, RADIO, LS, ...



The electricity sector

- Design and production of electrical diagrams
- Design and construction of cabinets and boxes
- Monitoring and implementation of electrical installations



Information technology

- **Development of specific applications :**
 - Microsoft .NET platform: Visual Studio (Winform, WPF in C# language, ASP.NET applications)
 - RAD Studio platform: Delphi
- **Databases :**
 - Creation of the optimal physical schema for the project
 - Optimisation, particularly in the context of databases used for traceability (setting up indexes)
 - Maintenance through specific maintenance plans
- **Administration and network :**
 - Installation and configuration of OS (server / non-server)
 - Administration of network equipment (switch, router, etc).