## **Specialist of Industrial Automation Systems**



# Automotive IndustryOther IndustrySubcontractingSubcontractingImage: Image: Image:

Othua's headquarters : Z.A les Cettons, Rue Panhard-Levassor 78570 Chanteloup-Les-Vignes (France) Tél : +33 1 39 74 86 68 Fax : +33 1 39 74 91 86 - E mail : courrier@othua.fr – Site internet : www.othua.fr SARL.au capital de 300 000 €-RCS Versailles B 394 889 398-NAF: 3320C-CEE FR 28 394 889 398- Centre de formation n°11 78 81060 78

Othua Juily 2016 V6.0

### Who are we?



For more than 20 years, Othua has engineered, manufactured and implemented industrial automation systems.

#### **AUTOMOTIVE INDUSTRY**

As a leader provider to the automotive industry, Othua has proved itself as a reliable partner to some of the biggest names in car manufacturing: Renault, Nissan, Dacia, Volvo, PSA Peugeot Citroën, Mercedes Benz, Toyota, AvtoVAZ, Avtoframos, ..., as well as to several automotive equipment suppliers.





All industrial sectors can benefit from Othua's experience and know-how. A department covering all Process Control activities meets the needs of several industries, such as construction, public works, agro-food, pharmaceutical, oil chemistry and gas, energy, water, waste, environmental services ... Othua's strength comes from its ability to provide turn-key solutions that include engineering, design and implementation, in France and abroad.

To fulfil its mission, Othua counts on one of the largest pools of automation engineers in France.



### **Our values**



### Quality

Guaranteeing the full operation of your facilities, providing accurate and detailed documentation, and respecting your requirements while meeting your deadlines, every time.

### Flexibility

Being ready to respond quickly to your needs, adapting to the way you organize your work, following your internal procedures and safety measures, and being there for you when you need it.

#### Othua has set up quality processes and procedures, which have been tested in-house, as well as a Share Point site to track data throughout the project.

### Technical capacity

Mastering the required techniques, taking into account your problems in order to solve them, and working in partnership with technicians and engineering and design departments.











### **Design and engineering**

Othua provides advice and support for the improvement, optimization and automation of your production lines.

To do so, we analyse your existing architecture and desired flows; then, we write project specifications, conduct a feasibility study, modelling and simulation.

We undertake the programming and produce the technical documentation. In certain cases, we implement on site programming standards for our customers.

We use a Simultaneous Engineering approach.

### **Our services**



### Manufacturing

Based on the analysis of your requirements, Othua assembles the electrical equipment boxes to house the automated systems that drive the operation of your facilities.

We build your control panels and your pneumatic and hydraulic control sets.

All of our factories have the necessary resources to meet your needs.

According to your budget and time constraints, we manufacture your products in our factories in France or abroad.



### Implementation

Othua ensures the installation and integration of automated systems at your production sites.

Once our electricians and pipe fitters connect the equipment to the automation box, the control engineer and/or the robotics engineer who conceived the program activate the installation.



We can offer guaranteed technical support for the installation over several years, as well as training for the control and maintenance operators.

Othua is an approved training organization.

We can come to your facilities, your clients' or your subcontractors', to perform the location, provisioning, wiring, piping, testing and validation.

### Who we work for ?



Historically, Othua was known for its work in the automotive industry. Yet, Othua diversified its activities and capitalized on its experience working with the big names in car manufacturing to provide services to other industrial sectors.

### **AUTOMOTIVE INDUSTRY**

Othua offers complete or specific solutions for the automation and optimization of production lines in the automotive sector, from engineering and design to manufacturing, including integration, installation and process optimization.

Production line tools and equipment are customfitted and manufactured in our/your workshops, then installed on site for the customer.







#### **Our achievements**

- Automation of the body assembly line: Renault, PSA, Volvo, Renault Trucks, Tower, Nissan, Renault Dacia
- Automation of the painting line: Renault, Volvo Trucks, PSA, Renault Dacia
- Automation of the maintenance line: Renault, PSA, Renault Dacia
- Automation of welding line: PSA
- Stamping: Renault
- Exhaust: Renault ACI, Renault Dacia
- Installation of Industrial robots for the manufacturing of cylinder heads: Montupet
- Installation of a collaborative robots : Valeo, Renault, ...



### Who we work for ?



### Industry ... All manufacturing Industry.

### **OTHER INDUSTRY**

The **Process Control Department** covers the activities of Othua in all other industrial sectors.

Othua can take care of all aspects of an industrial production line in any sector, by designing custom tools and automated equipment, and by offering a turnkey service.

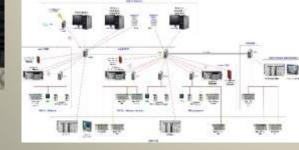














### **Our achievements**

- Automation of an agro-food preparation line: Yoplait
- Automation of handling systems: ADP
- Engineering, design and implementation of a mechanicalbiological pre-processing waste line : Vinci Environment
- Pneumatic and electrical engineering, design and manufacturing of component production lines: Schneider
- Revamping of a milk drying and evaporation line: Nestle
- Revamping of a cold engine room: Herta
- Automation transfer line of motors oil: Total Lubrifiants
- Automation of a vulcanization tube manufacturing line: Nexans
- Industrial robots for the iron and steel industry: Interfit Vallourec
- Revamping combustion control system for glass furnace : PARFUMERIE STOELZLE Masnière
- Revamping Distributed Control System: Concarneau Waste Factory
- Programming and commissioning DEIE System for Steam Turbines : Waste Factory of Saint Saulve
- Programming and installation of energy controlers : Waste Factory of Douchy les mines
- Process modifications some Waste Factory of Calce, Dunkerque, Issy-Les-Moulineaux, Arques, ...

### Who we work for ?



#### **SUBCONTRACTING**

As a subcontractor, Othua provides services to large companies in the construction, public works, and metallurgical sectors.



#### **Our achievements**

- Connection and start-up of an waste factory: Issy-les-Moulineaux
- Supplier management and follow-up for the installation of optical fibre: A86/A89 tunnels
- Reflectometry validation and creation of measurement records: A89 motorway
- Connection and start-up of an automatic guidance system: carparks of the "Kremlin Bicêtre" shopping and business center.
- Engineering, construction and supply of the entire routing and lighting systems of an industrial building
- Installation of cable runways and cable connection for various customers in the tertiary sector, ...





### **Ours** locations





In France, Othua employs more than 100 people at its facilities in the Paris area and in Northern France. This gives the company significant response capabilities. Starting 2004, Othua has been growing internationally by successively opening autonomous branches in Morocco, Romania, Slovakia, Brazil, Lebanon, Russia and China, while strengthening its partnerships with French companies abroad. Its workforce is currently 150 strong, and growing.

### **OTHUA Paris**



OTHUA Paris (Othua's headquarters) FRANCE 23 Rue Panhard Levassor 78570 Chanteloup les vignes FRANCE Tél. : +33 1 39 74 86 68 Fax. : +33 1 39 74 91 86





#### Workshop and offices : 1000 m2

**Activities :** 

- Design :
  - Electrical drawings and programming (60 pers.)
- Robotic :
  - Studies and site (3 pers.)
- Work shop :
  - Electrical Manufacturing (cabinets, boxes, panels,...) 25 pers.
- Site :
  - Electrical and Pneumatic installation (Piping, Wiring, cable tray, ...) 25 pers.

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### **OTHUA Northem France**

OTHUA Nord 4 rue des Neufs Bonniers 59178 Brillon FRANCE Tél. : +33 3 27 29 40 72 Fax. : +33 3 27 41 53 95





#### Workshop and offices : 1000 m2

- Design :
  - Electrical drawings and programming( 60 pers.)
- Robotic :
  - Studies and site (3 pers.)
- Work shop :
  - Electrical Manufacturing (cabinets, boxes, panels,...) 25 pers.
- Site :
  - Electrical and Pneumatic installation (Piping, Wiring, cable tray, ...) 25 pers.

### **OTHUA Slovakia**



OTHUA S.R.O. Jeruzalemska 25 SK-91701 Trnava SLOVAKIA Tél. : +421 33 55 15 065 Fax. : +421 33 55 15 067





#### Workshop and offices : 300 m2

- Design :
  - Electrical drawings and programming( 4 pers.)
- Work shop :
  - Electrical Manufacturing (cabinets, boxes, panels,...) 4 pers. et 60 self-employed
- Site :
  - Electrical and Pneumatic installation (Piping, Wiring, cable tray, ...) 4 pers et 60 self-employed

### **OTHUA Morocco**



Othua Maroc (Siège Social / Head Office) 25/31 Bd Ibn Tachfine, Casablanca -MAROC Tél : +212 663 057 022 Fax : +212 522 307 395 Othua Maroc (Etablissement Tanger / Tangier representative Office) Zone industrielle LOT N°840 Prefecture Fahs Angera Tanger MAROC Tél : +212 539 954 995 Fax : +212 539 959 469





#### Workshop and offices : 750 m2 two sites

- Design :
  - Electrical drawings and programming( 5 pers.)
- Work shop :
  - Electrical Manufacturing (cabinets, boxes, panels,...) 2 pers. and self-employed
- Site :
  - Electrical and Pneumatic installation (Piping, Wiring, cable tray, ...) 3 pers and self-employed

### **OTHUA Roumania**



OTHUA Romania Bld Dacia Villa n°135 Dep Arges MIOVENI Romania +40 751 271 751 +40 348 505 101





#### Workshop and offices : 300 m2

- Design :
  - Electrical drawings and programming( 5 pers.)
  - Mécanicien (1 pers.)
- Robotic :
  - Studies and site (2 pers.)
- Work shop :
  - Electrical Manufacturing (cabinets, boxes, panels,...) 9 pers. and self-employed
- Site :
  - Electrical and Pneumatic installation (Piping, Wiring, cable tray, ...) 9 pers. and self-employed

### **OTHUA Brasil**



Othua Automação em Equipamentos Industriais Brasil Rua Graça Aranha, 1100 - U04 Pinhais/PR BRASIL CEP 83321-020 Tél : +55 41 3033 3036 Gsm : +55 41 9681 8771





#### Workshop and offices : 300 m2

- Design :
  - Electrical drawings and programming(1 pers.)
- Robotic :
  - Studies and site (1 pers.)
- Work shop :
  - Electrical Manufacturing (cabinets, boxes, panels,...) 1 pers. and self-employed
- Site :
  - Electrical and Pneumatic installation (Piping, Wiring, cable tray, ...) 1 pers. and self-employed

### **OTHUA Lebanon**

Othua

Othua Liban Immeuble Wehbe et Helou, Rue St. Therese, Wadi Chahrour, Baabda, LIBAN. Tél : +961 5 94 14 70 Gsm : +961 76 32 44 50





#### Workshop and offices : : 250 m2

- Design :
  - Electrical drawings and programming(1 pers.)
- Robotic :
  - Studies and site (1 pers.)
- Work shop :
  - Electrical Manufacturing (cabinets, boxes, panels,...) 1 pers. and self-employed
- Site :
  - Electrical and Pneumatic installation (Piping, Wiring, cable tray, ...) 1 pers. and self-employed

### **OTHUA China**



Othua Technology (WUHAN) LTD China

Jingkai Wanda SOHO B1-1623 Economic and Technological Zone Zhuankou, Wuhan, Hubei, CHINA Gsm FRANCE: +33 6 28 71 00 83 Gsm CHINA: +86 134 7610 8063 Othua Limited Room 8, 2/F.,Westin Centre, 26 Hung To Road, Kwun Tong, Kowloon, HONG KONG





Starting up :



Design and Programming		
Human Resources	Electrical Design	Autocad-SEE Electrical – Xelec – EPLAN,
All our agencies are sollicited for design and programming mainly in France, Slovakia, Romania and Morocco, this is our first business 12 Leaders + 70 Pers	Pneumatic Design	Autocad-SEE Electrical – XFluide – EPLAN,
	PLC and Safety Programming	Siemens – Schneider – Rockwell – Omron – Mitsubishi –ABB – Beckhoff – Phoenix Contact – Honeywell,
	HMI, SCADA and DCS Systems Programming	Siemens, Schneider, Honeywell, Pilz, Rockwell, Intouch, IAS, Cimplicity, PC Vue,



Manufacturing			
Human Resources			
All manufacturing is done inhouse using our Human Resources from agencies in France, Slovakia, Romania and Morocco. 10 Leaders + 50 Pers	Electrical Cabinets, Electrical Boxes, Pneumatic Panels,		





### **Tools and Grippers Equipment (Electrical & Pneumatic)**

#### Human Resources

Done using our Humain Resources from agencies en Slovakia, Romania and Morocco. Othua is able to do the equipment activity directly on the mechanical supplier site en France, Romania, Slovakia or Morocco.

10 Leaders + 50 Pers

Tools equipment :

- Piping,
- Wiring,
- Pneumatic panel,
- I/O modules, ...







### Site Installation

#### Human Resources

All site installation is done using Human resources from our agencies in France, Slovakia, Romania and Morocco.

10 Leaders + 50 Pers

Pipng and Wiring on site,

Pneumatic installation on site, ...





Try-out on site		
Human Resources		
	PLC, HMI and DCS commissioning,	
All try-out is done using our own Human Resources from our Agencies	Safety test,	
, and the second s	Validation Check-list,	
12 Leaders + 70 Pers		





