INTECH Process Automation

Integrated Control Systems

Control & Automation Solutions
Automation Solutions for Oil & Gas, Petrochemicals and Power

25+ Continuous years
2000+ Engineering Man-Years

Standards & Certifications

ISO 9001 : 2015 CERTIFIED QMS

Why INTECH

Vendor Neutral - Best Fit Design

Complete Life-Cycle Services

Safe & Reliable Operations

Commissioning & Startup

Operation & Maintenance

Testing (IAT / FAT)

Conceptual Design / Feasibility Study

Detail Design & Engineering

PreFEED / FEED

End User

EPC

OEM

Partners

Deputy Plant Manager

GM Field Offshore

Deputy Plant Manager

Plant Manager BOT

Project Manager BOT

Project Manager

Project Manager

Project Manager

Project Manager

Project Manager

Operational Excellence

Control & Automation Solutions
Automation Solutions for Oil & Gas, Petrochemicals and Power

Vendors

OEM

End User

EPC

OEM

Partners

Deputy Plant Manager

GM Field Offshore

Deputy Plant Manager

Plant Manager BOT

Project Manager BOT

Project Manager

Project Manager

Project Manager

Project Manager

Operational Excellence

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

Vendor Neutral - Best Fit Design

Complete Life-Cycle Services

Safe & Reliable Operations

Commissioning & Startup

Operation & Maintenance

Testing (IAT / FAT)

Conceptual Design / Feasibility Study

Detail Design & Engineering

PreFEED / FEED

End User

EPC

OEM

Partners

Deputy Plant Manager

GM Field Offshore

Deputy Plant Manager

Plant Manager BOT

Project Manager BOT

Project Manager

Project Manager

Project Manager

Project Manager

Project Manager

Operational Excellence

Control & Automation Solutions
Automation Solutions for Oil & Gas, Petrochemicals and Power

Vendors

OEM

End User

EPC

OEM

Partners

Deputy Plant Manager

GM Field Offshore

Deputy Plant Manager

Plant Manager BOT

Project Manager BOT

Project Manager

Project Manager

Project Manager

Project Manager

Project Manager

Operational Excellence

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation

INTECH Process Automation
Integrated Control Systems

Control & Automation Solutions
Automation Solutions for Oil & Gas, Petrochemicals and Power
Performance Centric Designs

- Productivity: Integrated & Intelligent Applications
- Reliability: Hardware, Software and Networks
- Operability: Accurate Control & Human Factor Engineering
- Maintainability: Standardization, Diagnostics & Traceability
- Scalability & Flexibility: Modular Design Approach

Grounds-Up Risk Mitigation

- Safety: Personnel, Process and Equipment
- Worst Case Design & Testing Basis
- Normal Behavior under Abnormal Conditions
- Autonomous Sub-System Operations
- Multi-Vendor: Best-in-Class Products & Open Standards
- Obsolescence Proof: Designed for 15 to 25 years’ life
- Compliance: Standards & Regulations

Knowledge & Skill Management

- I&C, Electrical, Communication & Information Technology Life-cycle Expertise: Design, Implementation, Startup & Commissioning
- O&M Vendor Toolsets: Vendor Hardware & Software Certifications
- Industry Knowledge: Standards, Equipment, and Process

The Delivery Process

- ISO 9001: 2015 Certified
- Highly Developed and Proven Project Management Framework
- Quality Centric Implementation Processes
- Resource matching to task skill requirements
- Change Management & Traceability

Performance Centric Designs
# INTECH’s EDGE | Beyond the MIC - MAC Approach

## Integrated Control Systems
1. Process Control Systems
2. Safety Instrumented Systems
3. Fire & Gas Systems
4. Power Management & Distribution Systems
5. Instrument Asset Management Systems
6. Cybersecurity
7. Control/Electrical Buildings & MCCs
8. Control, E & I Construction
9. Engineering Study & Design – Control, Electrical, Instrumentation
10. Telecommunication, CCTV, Solar & Auxiliary Systems

## Wellhead Solutions
1. Hydraulic Wellhead Control Panels
   - Electro-Hydraulic
   - Electro-Pneumatic
   - Hydraulic
2. Remote Terminal Units
3. Intelligent Well Control
4. Subsea Master Control Station
5. Chemical Injection Skids
6. Wellhead Power, Solar & Telecom

## Field Services
1. Operations & Maintenance Services
   - On-site/Resident Operations & Maintenance
   - On-call Operations & Maintenance
   - Remote Operations & Maintenance
2. Facility Survey and Troubleshooting
3. Commissioning & Integration Services
4. Operations & Maintenance Training Services

## Advance Software Solutions
1. Alarm Management Systems
2. Control Loop Performance Optimization
3. Plant Information Management Systems
4. Overall Equipment Effectiveness

## SCADA Solutions
1. Plant SCADA
2. Pipeline SCADA
3. Wellhead SCADA

## Gas & Liquid Measurement Solutions
1. Terminal Management
2. Tank Gauging
3. Batch Management Systems
4. Pipeline Leak Detection Systems

---

**INTECH's EDGE**

**Beyond the MIC - MAC Approach**

---

**Full Range of Automation Solutions**
Vendor Neutral Approach
- A strict project merit forms the selection basis for best-in-class products from leading manufacturers
- Application knowledge, regional know-how, supply chain considerations and customer preference at the heart of equipment selection
- Long term relationship with all the leading automation OEMs

All Under One Roof
- Instrumentation, Control & Electrical - all aspects of an automation project covered under one roof
- Extended scope of Networks, Telecom and IT solutions are part of the package to reduce customer's vendor management issues
- Global one stop shop vision for all your automation needs

New Breed of Engineers
- Industry's leading competency management framework capturing full automation lifecycle for oil & gas industry
- Multi-disciplinary approach covering instrumentation, electrical, control, communication & IT at the core of our System Integration training program
- Knowledge Management Framework to accelerate skill development

Standards & Certifications

Safety Systems
- API RP14B, IEC 61508
- API RP14C, IEC 61511
- API RP14H, SP 84

Classification Societies
- ABS
- DNV

NRTL/ Marks
- UL
- CSA
- CE
- BASEEFA

Hazardous Areas
- API RP14J
- API RP500
- API RP505
- IEC 60079
- NEC 500/505

Enclosure Type
- NEMA250
- IEC60529

Alarm Management
- EEMUA 191
- ISA 18.2

Fire Systems
- NFPA72
- NFPA85
- NFPA86
- IEC 60331
- IEC 60332

Others
- IEC 61131
- IEC 61000
- API RP14F
- EEMUA 201
- EEMUA 189
- NEC409
- NEC490

Other Bodies
- MMS
- USCG
Vendor Neutral - Best Fit Design

Complete Life-Cycle Services

- Commissioning & Startup
- Operation & Maintenance
- Conceptual Design / Feasibility Study
- PreFEED/ FEED
- Detail Design & Engineering
- Integrated Application Systems
- Testing IFAT / FAT
- Integration
- Lifecycle Management
- Standards
- Codes
- Optimization
- Data Management

Safe & Reliable Operations

Efficient Delivery

Best Fit Solutions

Why INTECH

Global Presence
Project Foot Print in 35+ Countries with offices in 13 countries around the World

Experience
2000+ Engineering Man-Years

25+ Continuous years
What Our Customers Say

“In all honesty, most of the elements regarding the BOT Project INTECH support either met or exceeded my expectations. Also, we greatly appreciated the flexibility of the home office to keep the PM engaged until we completed the cut-over.”

Project Manager BOT

“Please transmit my sincere congratulations and thanks to your teams for the successful planned shutdown and restart of IME without any accidents, and one day earlier than planned! Excellent team work!”

GM Field Offshore

“Please allow us to express our utmost appreciation for the thorough expertise, swiftness, and professionalism demonstrated by INTECH personnel in resolving DCS related problems”

Deputy Plant Manager

End User

GM Field Offshore

EPC

OEM

Partners

Email: marketing@intechww.com www.intechww.com

Americas

WORLD HQ
INTECH Process Automation Inc.
4903 W. Sam Houston Parkway N. Suite A-100
Houston, TX 77041, USA
Tel: +1 713 888 1000
Fax: +1 713 856 0785

United Kingdom
INTECH Process Automation Ltd.
Unit 8, Dock Offices Surrey Quays Road
London, United Kingdom
Tel: +44 0207 553 5931

Central Asia
INTECH Process Automation LLP.
Office No. 7, St. Sevastopolskaya 1V.
Atyrau, Republic of Kazakhstan
Tel: +771 2250 8529

Asia
INTECH Process Automation Pte. Ltd
600 North Bridge Road, #20-01
Parkview Square, Singapore 188778
Tel: +65 68298118
Fax: +65 68288112

PT INTECH Process Automation
Rukan Pernama Seraya,
 Blok C Noor 5, 4th Floor,
 Jalan Tentara Pelajar,
 Kebayoran Lama,
 Jakarta Selatan, 11210 Indonesia
 Tel & Fax: +62 21 579 49 444

INTECH Process Automation Co. Ltd.
Room 1605C, 16f Firdaus International Building,
No.1065 Shaqababang Road, Xuhui District,
Shanghai, 200002, P.R.C.
Email: marketing@intechww.com

Middle East

INTERNATIONAL HQ
INTECH Process Automation FZCO
P.O. Box 61479, RA08ZCO1,
JAFZA, DUBAI, United Arab Emirates
Tel: +971 4 8810056
Fax: +971 4 8810057

INTECH Process Automation – Arabia Co. Ltd.
For Contracting
Office No. 03, First Floor, Sumou Tower,
Prince Turki Street, Al Yarmouk, Al Khobar - 31952, KSA
Tel: +966 13 8966052
Fax: +966 13 8966051

INTECH PROCESS AUTOMATION FZCO
Al Masal Business Park, Basra – Iraq
North Rumaila Field
Tel: +964 78087924, +964 780151198

Vendor Expertise

All registered logotypes, trademarks, brands, product and services marks used in this document are acknowledged as properties of their respective companies/owners and are not affiliated with INTECH. Use by INTECH is subject to the respective companies/owners and is used as an endorsement of INTECH's services. The services described herein are provided solely by INTECH. © 2020. All rights reserved by INTECH Process Automation Inc.

North Africa Operations
Tel: +1 55 607 3230, +1 55 7684882

Africa
INTECH Process Automation NG. Ltd.
3rd Floor, Deborah Lawson House, F4 Sari Abacha Road, New GRA Phase III, Port Harcourt, Nigeria
Tel: +234 8470 0015

INTECH Process Automation
Block 137, Plot 08, Professor Gabriel Olusanya street, Lekki Phase I, Lagos
Tel: +234 1700 7395

INTECH Process Automation Inc.
(Corporate De Angola)
Casa Nº B07, Condaminio Boulevard, Via At16,
Talatona, Luanda - Republica De Angola
Tel: +244 222 720 471
Fax: +244 222 720 471

Vendor Expertise

North Africa Operations
Tel: +1 55 607 3230, +1 55 7684882

Middle East

INTERNATIONAL HQ
INTECH Process Automation FZCO
P.O. Box 61479, RA08ZCO1,
JAFZA, DUBAI, United Arab Emirates
Tel: +971 4 8810056
Fax: +971 4 8810057

INTECH Process Automation – Arabia Co. Ltd.
For Contracting
Office No. 03, First Floor, Sumou Tower,
Prince Turki Street, Al Yarmouk, Al Khobar - 31952, KSA
Tel: +966 13 8966052
Fax: +966 13 8966051

Standards & Certifications

INTECH PROCESS AUTOMATION FZCO
Al Masal Business Park, Basra – Iraq
North Rumaila Field
Tel: +964 78087924, +964 780151198

INTECH PROCESS AUTOMATION FZCO BR.
40 meter street, near Hai Shoura round, Erbil
Kurdistan Region of Iraq.
Tel: +964 78087924

INTECH Process Automation Co. Ltd.
Room 1605C, 16f Firdaus International Building,
No.1065 Shaqababang Road, Xuhui District,
Shanghai, 200002, P.R.C.
Email: marketing@intechww.com

INTECH PROCESS AUTOMATION FZCO
16f Firdaus International Building,
No.1065 Shaqababang Road, Xuhui District,
Shanghai, 200002, P.R.C.
Email: marketing@intechww.com

INTECH PROCESS AUTOMATION FZCO
16f Firdaus International Building,
No.1065 Shaqababang Road, Xuhui District,
Shanghai, 200002, P.R.C.
Email: marketing@intechww.com

INTECH PROCESS AUTOMATION FZCO
16f Firdaus International Building,
No.1065 Shaqababang Road, Xuhui District,
Shanghai, 200002, P.R.C.
Email: marketing@intechww.com

INTECH PROCESS AUTOMATION FZCO
16f Firdaus International Building,
No.1065 Shaqababang Road, Xuhui District,
Shanghai, 200002, P.R.C.
Email: marketing@intechww.com

INTECH PROCESS AUTOMATION FZCO
16f Firdaus International Building,
No.1065 Shaqababang Road, Xuhui District,
Shanghai, 200002, P.R.C.
Email: marketing@intechww.com

INTECH Process Automation Inc.
(Corporate De Angola)
Casa Nº B07, Condaminio Boulevard, Via At16,
Talatona, Luanda - Republica De Angola
Tel: +244 222 720 471
Fax: +244 222 720 471

Standards & Certifications

ISO 9001 : 2015 CERTIFIED QMS

email: marketing@intechww.com www.intechww.com

Vendor Expertise

All registered logotypes, trademarks, brands, product and services marks used in this document are acknowledged as properties of their respective companies/owners and are not affiliated with INTECH. Use by INTECH is subject to the respective companies/owners and is used as an endorsement of INTECH's services. The services described herein are provided solely by INTECH. © 2020. All rights reserved by INTECH Process Automation Inc.