

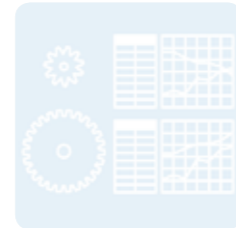
FIELDS OF ACTIVITIES

- Oil & Gas Industries
- Power Generation & Distribution
- Process Industries

SCOPE OF SERVICES

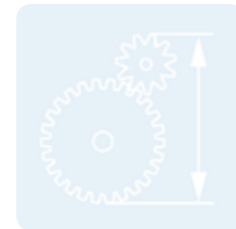
Consulting

- Project Feasibility Study
- Audit / Expertise
- Economic Evaluation
- Technical Feasibility Study
- Conceptual Design
- Safety & Environmental Study
- Hazard & Operability Study
- Project Development Support



Design Engineering

- Basic Design
- Front End Engineering: Detailed Functional Scope, Project Execution & Procurement Plan
- Detail Design: Electrical, Process and Mechanical
- Safety Design



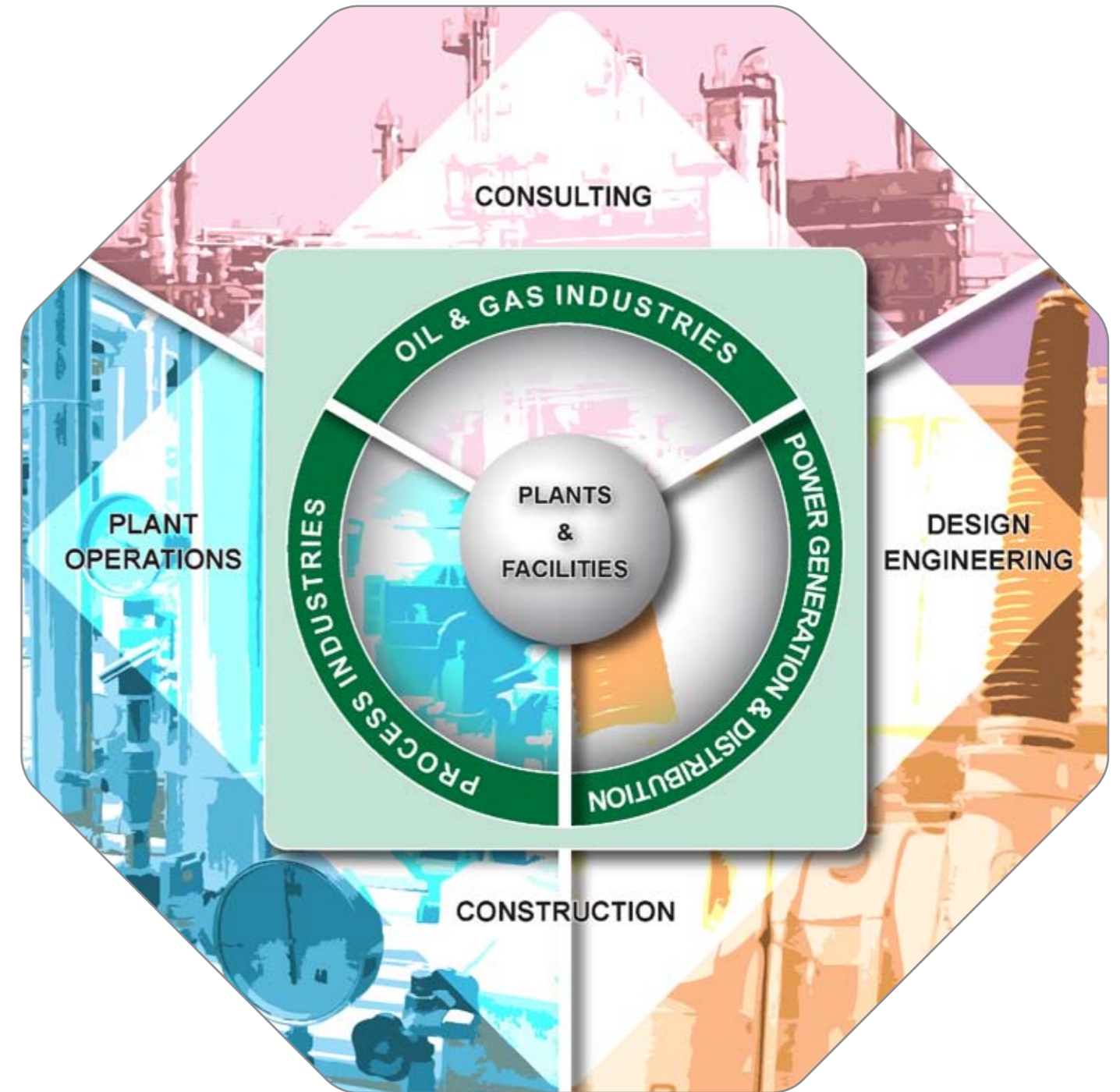
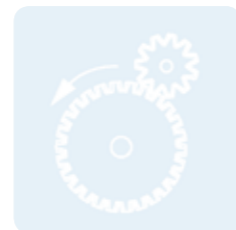
Construction

- Safety and Environmental Issues
- Quality Assurance & Control
- Budget Preparation
- Project Management & Scheduling
- Procurement and Cost Control
- Subcontract Administration
- Commissioning & Startup
- Initial Operation Assistance



Plant Operations

- Instrument & Control Upgrade
- Plant Modifications
- Performance Data Management
- Maintenance Management
- Training & Operations Support





INTEA GROUP

CLIENTS

Most important clients abroad are:
ABB, ALSTOM and VOEST ALPINE.
Major Croatian clients are:
INA, JANAF, PLIVA, PLINACRO, INGRA,
INAgip, GPZ, DIOKI, LURA and KONČAR.

ISO 9001:2000

INTEA QMS is certified according to ISO 9001:2000 since March 2001, by Lloyd's Register QA center Zagreb.

Process Engineering

- Process Design
- Basic Engineering
- PFD Layout & Development
- P&ID Layout & Specification
- RV Studies & Specification
- Hazard & Operability
- Value Engineering
- Heat & Mass Balancing
- De-Bottle Necking
- Process Safety Management
- Process Simulations

Mechanical Engineering

- Plant Layout
- General Arrangements
- Piping Design
- 3-D Modeling
- Mechanical Flow Diagrams
- Pump Sizing & Specification
- Stress Analysis
- Hydraulic Design
- Isometrics
- Vessel Design & Specification
- Valve & Equipment Selection
- Utility Systems

Electrical Engineering

- Low & High Voltage Power Distribution
- MCC Design, Layout & Specification
- Circuit Layouts
- Electrical Equipment Specification
- Electrical Heat Tracing
- Plant Electrical Audits
- Code Compliance Audits
- UPS Systems

Project Management

- Costs Estimation
- Project Scheduling
- Costs Control
- Multi-Discipline Management of Turn-key Design Projects
- Project Time and Budget Reporting
- Documents Control
- Vendor Interface

Procurement

- Requisitioning
- Quotations
- Bid Tabulations
- Awards
- Expediting

Automation and Control

- PLC & DCS Specification, Configuration, Integration & Programming
- Modification, Upgrade or Extension of Automation and Control Systems
- Migration and Connectivity to Legacy Systems
- SCADA/HMI - Operator Interface Design and Configuration
- Field and Data Communication Links and Networks

Construction Management

- Coordination
- Owner-Engineer-Contractor Interface
- Progress Verification
- Engineering Changes Support

Safety & Environmental

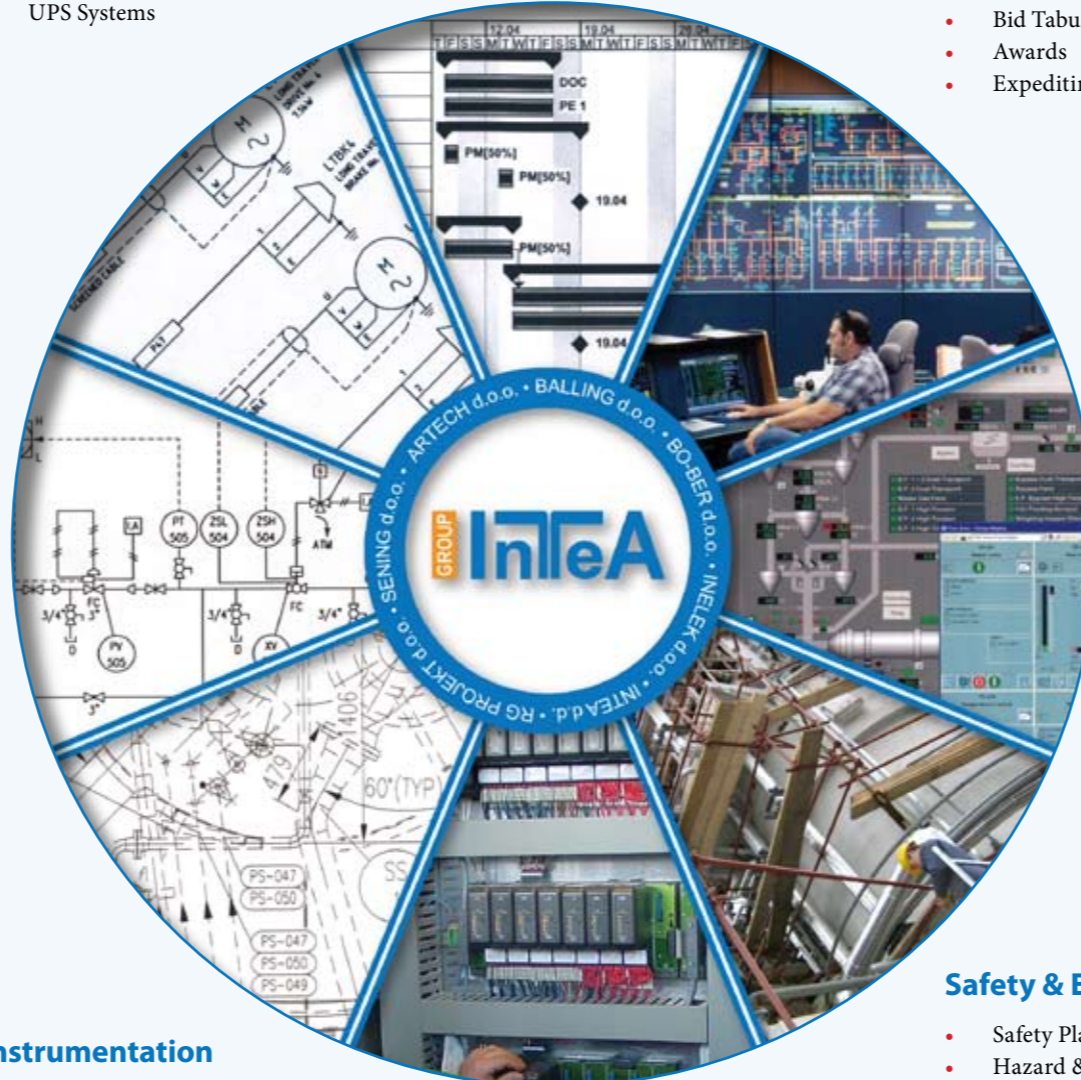
- Safety Plans, Designs & Design Reviews
- Hazard & Operability Studies
- Hazardous Area Classifications
- Safety Equipment Layout & Specification
- ESD & Blow Down Systems
- Fire & Gas Detection & Protection
- Environmental Plans & Studies
- Environmental Statements

Power Engineering

- Distribution Systems Design
- Transformer Stations
- Capacitor Banks
- Feeders
- Circuits/Switchgears
- Protective Relays
- Batteries/Chargers
- Ground Grids Design
- Area/Operating Maps

Instrumentation

- Electrical-Pneumatic-Analog-Digital:
- Instrument Specification
 - P&ID Layout & Specification
 - Control Panel Design
 - Instrument Loop Diagrams



CAPABILITIES

SERVICES &

EXPERIENCE

Number of projects per industries since 2000:

• Oil & Gas Industries.....	136
• Power Generation & Distribution.....	28
• Chemical Industries.....	18
• Building Management.....	16
• Food & Beverages.....	11
• Metals.....	8
• Pulp & Paper.....	8
• Cement & Glass.....	4
• Other.....	21