GES Romania

April 2018

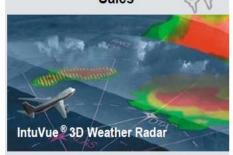


Honeywell Overview: \$39.4B Global Industrial Company

Honeywell

Aerospace

\$14.8B Sales



Unmatched Scope of Offerings

- Mechanical, Cockpit, and Software Offerings From Nose to Tail
- Apps, Services, Maintenance, Subscriptions
- End-to-End Connectivity Solutions
 From Hardware to Airtime
- Turbochargers for Fuel Efficiency

Home and Building Technologies

\$10.7B Sales



Connecting Homes and Buildings

- · Security and Fire
- Connecting Homes With Lyric™
- Open Software Connecting "Internet Of Things" in Buildings

Safety and Productivity Solutions

\$4.6B Sales



Connecting Workers

- Wireless, Voice, Mobility, Data Analytic Solutions for Workers
- Warehouse Automation
- · Keeping Workers Safe

Performance Materials and Technologies

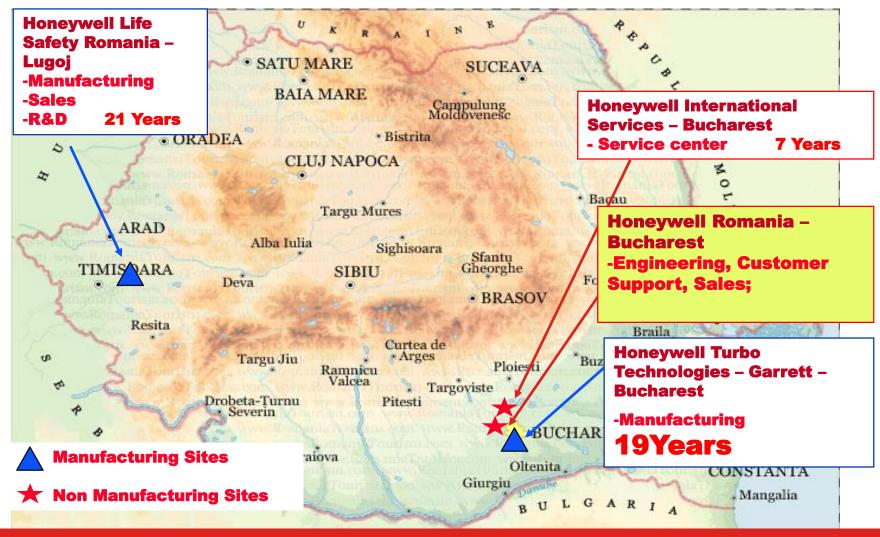
\$9.3B Sales

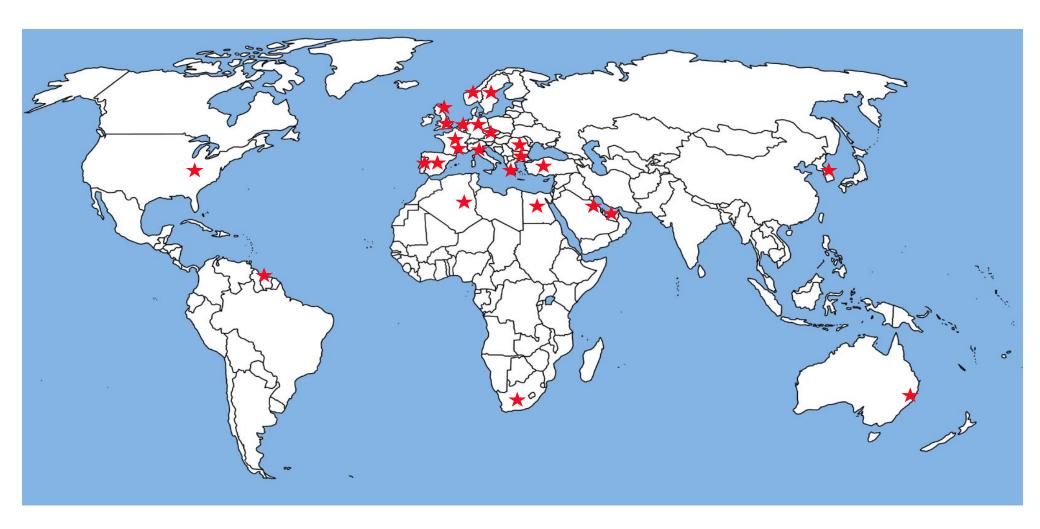


Winning Technology

- Refining and Petrochemical Catalysts
- · Gas Processing Modular Offerings
- · Solstice® LGWP Materials
- SmartLine Transmitters
- · Asset Optimization Software

Honeywell Presence in Romania



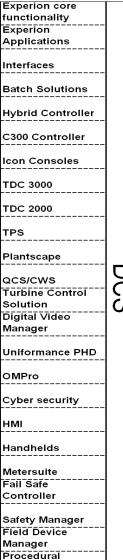




Refineries



Chemicals





Power Plants



Petro-Chemistry

Being the core of all processes control we are approaching all industries

File Number

Pro	ect Name
-	

GWA DCS Replacement

BidBoland II

Troll B

Petrom FCC & RC2 Migrations

STAR

HBNS

BI Vienna

INEOS Lillo Experion TPS Migration

Onshore control room Valemon (T&M)

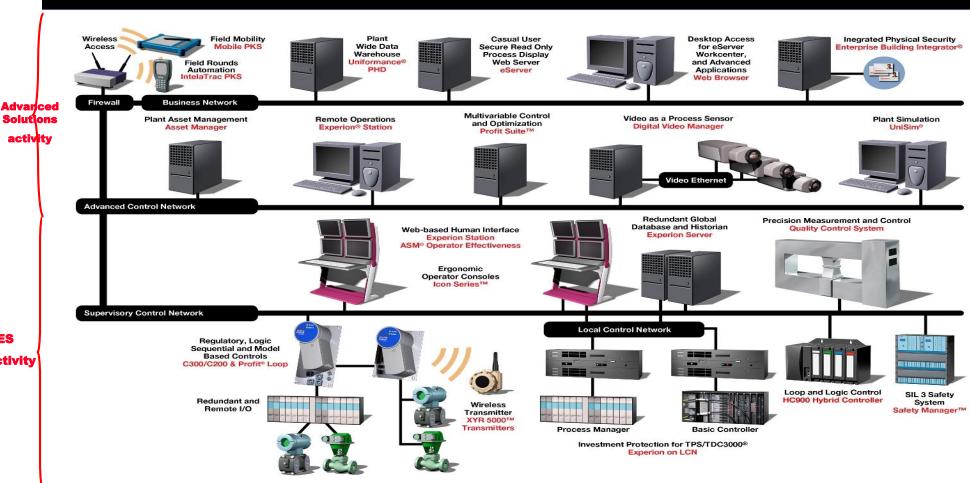
OMV Petrom - Migration Cogen and DAV2

Egina Field Development Project

Others

Experion Process Knowledge System

Honeywell



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GES

activity

activity





These process controllers (C200 and C300) are based on Honeywell's proven CEE – Control Execution Environment.



Ergonomic Operator Console



The Master Logic is a world class modern day PLC, fully conforming to the IEC 61131-3 standard for PLC programming.

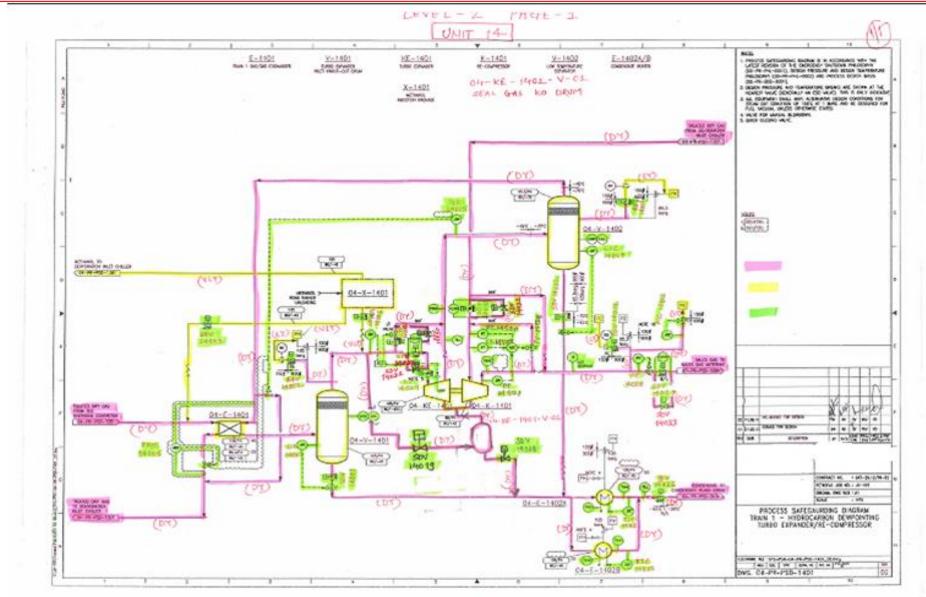
Safety Manager plus RUSIO

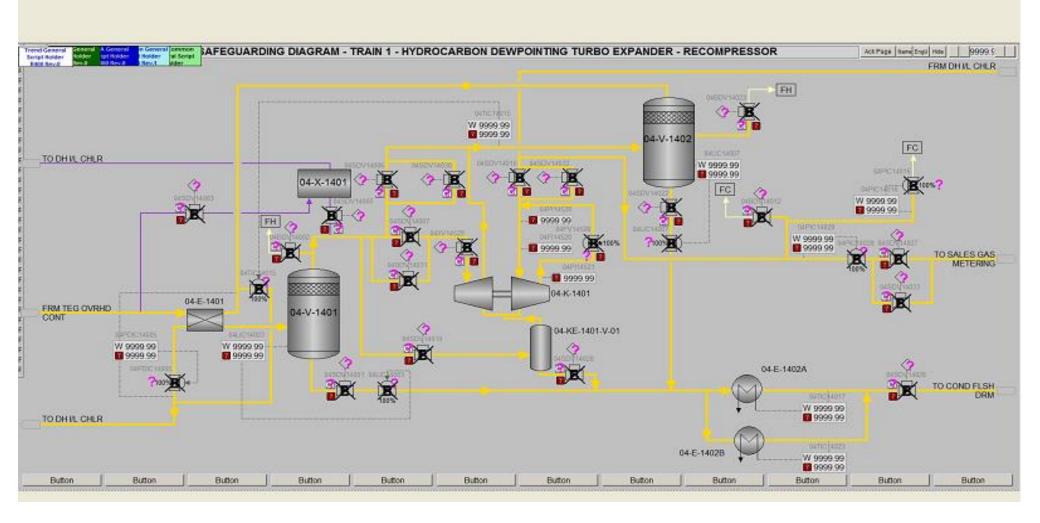
- Large ultra-high definition screens allow flexible layouts of overview and detail displays as well as related applications and video.
- Advanced Visualization Elements
- Ergonomic design improves operator comfort and reduces fatigue

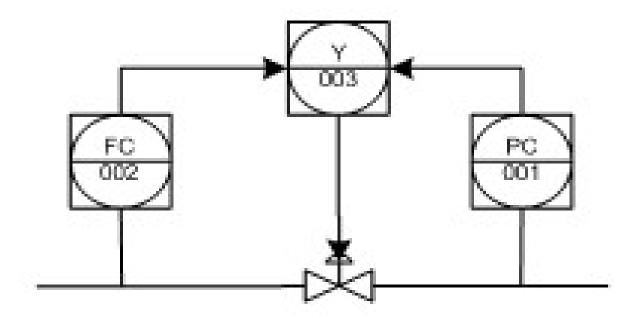


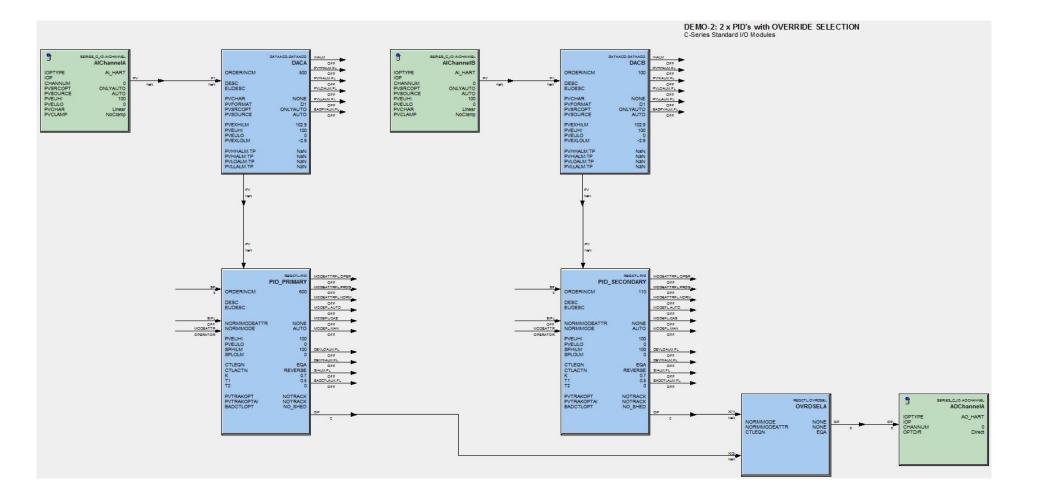
Marked up P&ID (Piping & Instrumentation Diagrams)



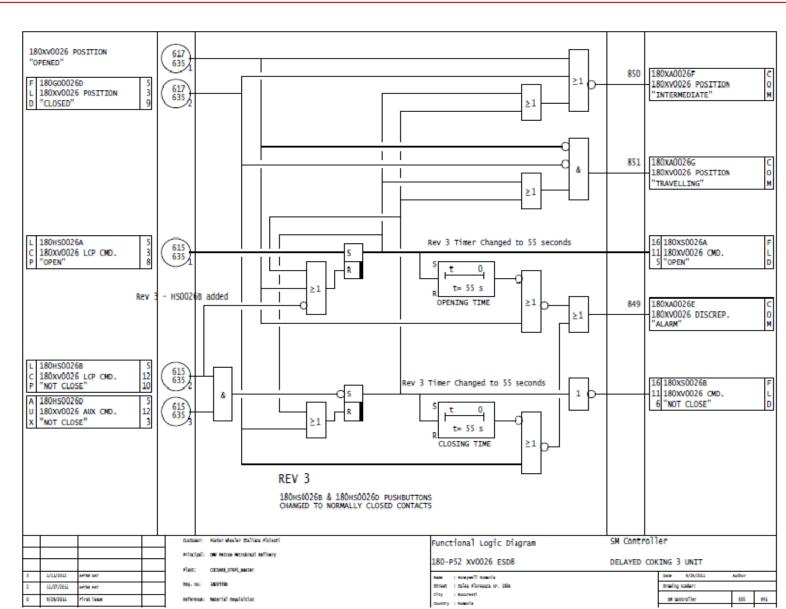


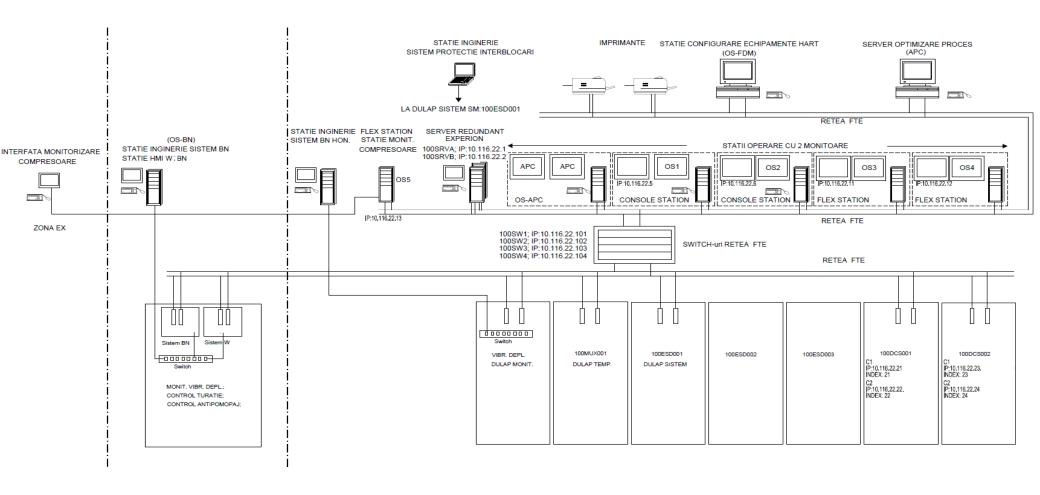






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Implementarea unui sistem complet de conducere a unei instalaţii reale dintr-o rafinărie utilizând arhitectura Honeywell Experion PKS şi Safety Manager.

Fiecare student va aborda toate disciplinele implicate în dezvoltarea unui proiect de implementare software pentru o instalatie dintr-o rafinarie, după următorul program:

- •Săptămâna 1 : Introducere în Honeywell şi noţiuni generale despre soluţiile de automatizare ale proceselor industriale
- •Săptămâna 2-4 : Honeywell Safety Manager Emergency Shutdown System dezvoltarea aplicației si comunicația SCADA
- •Săptămâna 5-7 : Honeywell C300 implementarea strategiilor de control
- •Săptămâna 8-10 : HMI (Human Machine Interface) elaborarea interfeţei operator a procesului industrial studiat
- •Săptămâna 11 : Teste de integrare și funcționalitate

Thank you for your attention!

