

Honeywell

HONEYWELL PROCESS SOLUTIONS 2016 FACT SHEET



GREAT POSITIONS IN GOOD INDUSTRIES

Refining We lead the world in refining process technology and automation. We help refine 40 million barrels of oil per day in nearly half of the world's refineries.

Oil & Gas We equip more than 50,000 tanks, the largest amount in the world, and facilitate operations on 40% of the world's LNG carrier fleet.

Our solutions span 8,704 km on the world's longest gas pipeline.

Industrial Power We control almost 50% of all gasifiers in the world and help reduce CO2 emissions equivalent to taking 85,000 cars off the road.

Pulp & Paper Our solutions help control production for 35% of the annual global output of paper products and are installed at facilities for the top 24 paper producers.

Mining & Minerals We help mine more than 50% of the world's alumina and our controls produce enough uranium to power Brazil and Mexico combined.

Batch/Specialty Chemicals

Our automation solutions are installed at facilities for the top 10 specialty chemical producers and two of the largest biotech manufacturing facilities in the world.



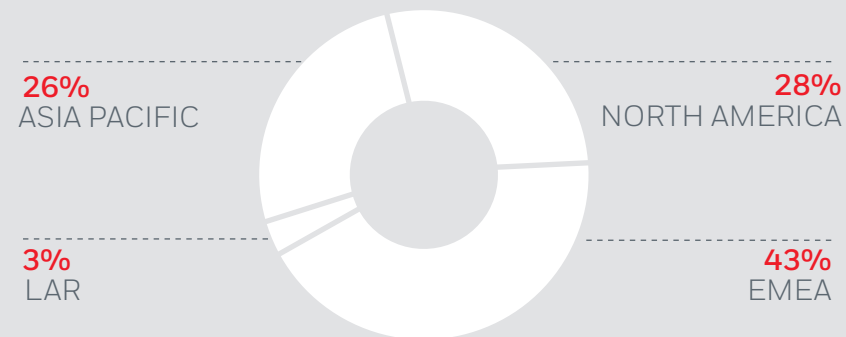
HONEYWELL PROCESS SOLUTIONS

All around the globe, manufacturers and producers of raw materials rely on Honeywell expertise, technologies, processes and services to improve performance and business results. We provide comprehensive solutions to make the process industry more productive, and operations safer, more efficient and more reliable.

INNOVATION DRIVES PERFORMANCE

GLOBAL ENTERPRISE DELIVERED

- Operating in over 125 countries
- 12,000 employees
- 10,000+ installed sites worldwide
- 5,000 engineers
- 3,900+ active patents



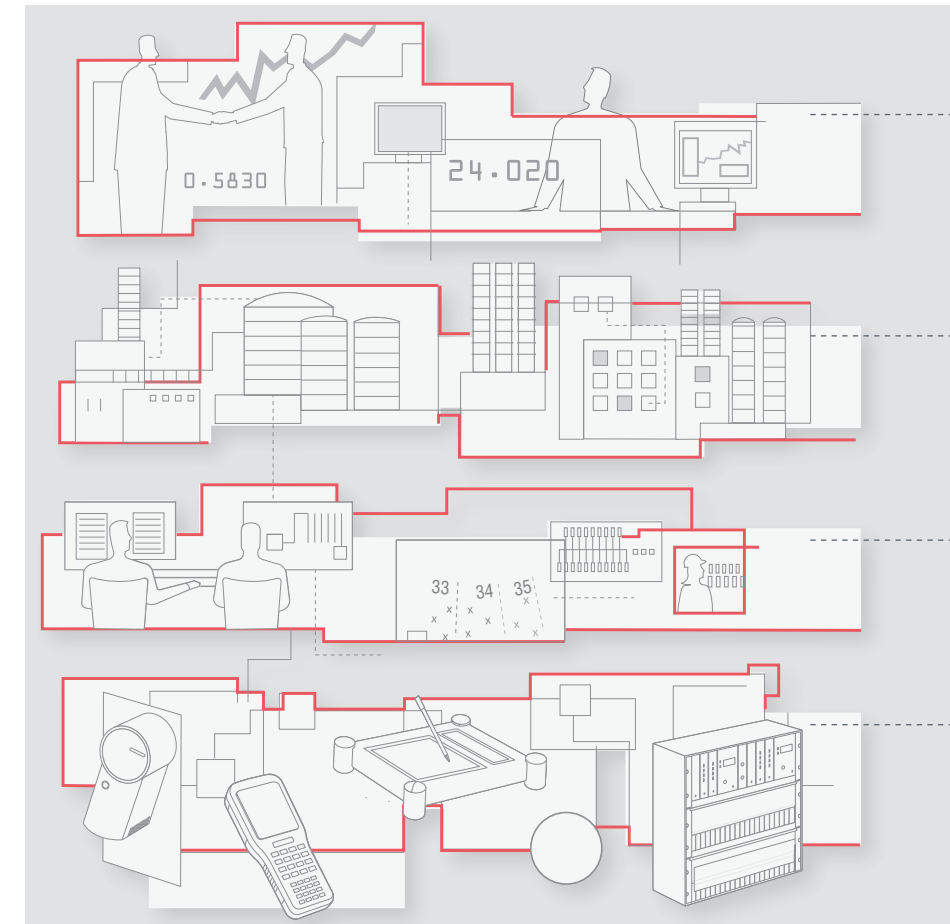
GAME-CHANGING TECHNOLOGIES

From the industry-leading SmartLine™ instruments to the powerful Experion® PKS Orion, Honeywell is evolving and innovating solutions that positively impact our customers' operations.



- Tech development and licensing
- Process automation, safety and security
- Lean project execution with parallel engineering and standardized design
- Continuous evolution approach to maintain and optimize assets
- Outcome-based software solutions and engineering services
- Application expertise and industry depth
- Smart and accurate measurement and control instrumentation

ENTERPRISE-WIDE SOLUTIONS



- 1 Smart Connected I/O, Transmitters, Devices, and Sensors
- 2 Automation, HMI, DCS, SCADA, Networks, and PLC
- 3 Manufacturing Operations, Management & Manufacturing, and Execution Systems
- 4 Business Planning, Logistics, and ERP Systems

BROAD AND DEEP SOLUTIONS FOR OIL & GAS

Our Oil & Gas solutions help upstream, midstream and downstream customers discover more value in their operations.

Honeywell's broad portfolio of solutions and services delivers unprecedented control and efficiency to oil and gas producers at every point in the supply chain. Our products are engineered for superior performance, safety and value.



UPSTREAM



Reservoir Modeling



Wellhead & Optimization



Off-Shore



Gas Processing

MIDSTREAM



Pipeline



LNG Liquefaction

DOWNSTREAM



Refining



PetroChemical Fertilizers

THE HPS & UOP ADVANTAGE

Earlier Facility Startup

World-class Honeywell UOP process technology, pre-engineered automation solutions and innovative execution reduce project schedule and risk.

Reach Target Production Sooner

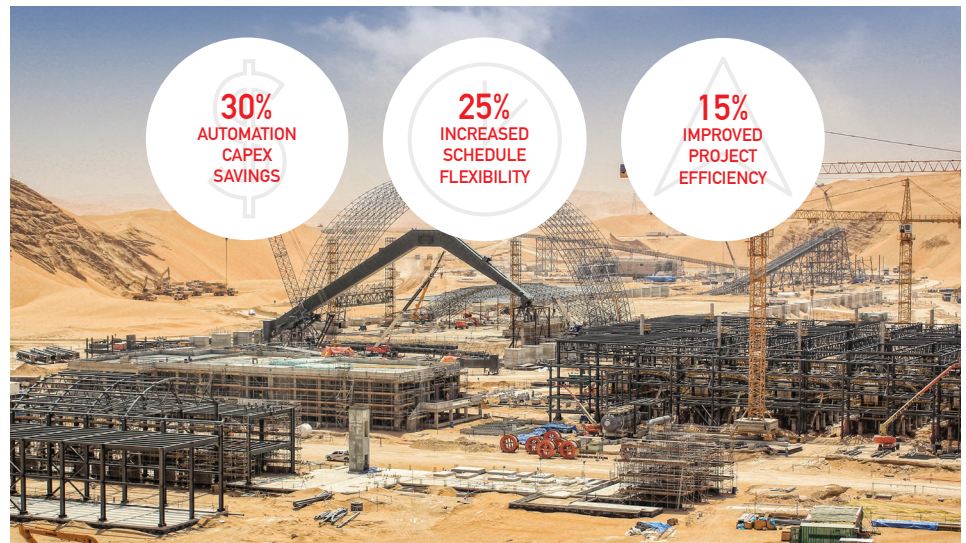
HPS processes embedded with Honeywell UOP's expertise and deep process knowledge optimize startup and operator experience.

Operate at Peak Performance

Honeywell process-specific software solutions enhance safety, productivity and reliability.

LEAP™ TRANSFORMS PROJECT EXECUTION

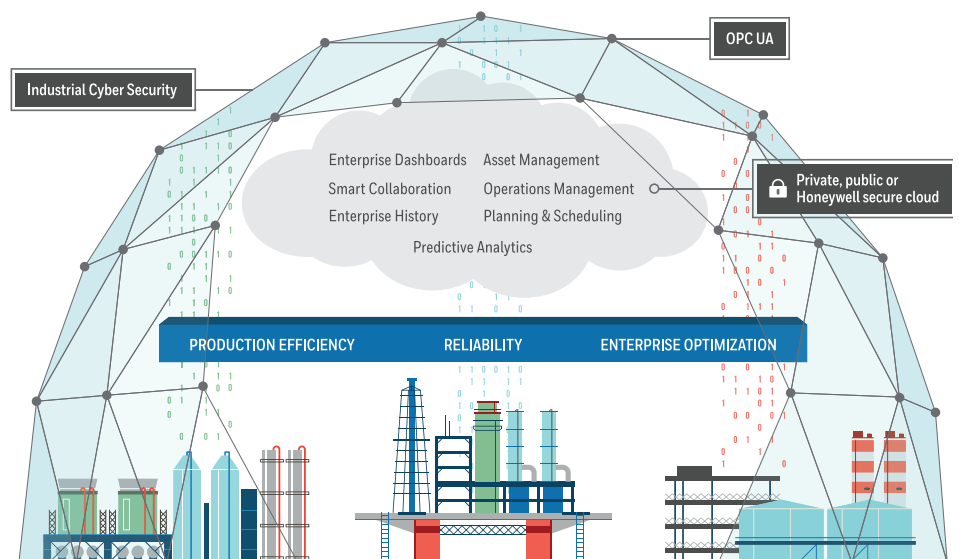
LEAP™ combines parallel engineering with standardized cabinet design to eliminate risk while delivering exceptional results.



INDUSTRIAL INTERNET OF THINGS BY HONEYWELL

Maximize the connectivity of real time operating data, automate predictive analytics, and enable increased collaboration.

IIoT by Honeywell brings agility to decision making and improves your bottom line.



Better connect your people, assets and processes to digitally transform your business.

1 Your assets become more reliable

2 You optimize performance across your enterprise

3 You find new ways to run with greater efficiency

MORE INFORMATION

HONEYWELL PROCESS SOLUTIONS

www.HoneywellProcess.com

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