

# KEEPING THE GAS FLOWING WITH ASSURANCE 360

## Case Study

### Honeywell's outcome-based services reduce risk and control costs for the Trans-Anatolian Natural Gas Pipeline (TANAP).

With its pipeline so important to Turkey, Azerbaijan and Europe, TANAP turned to Honeywell to ensure system availability, reliability and uptime. Assurance 360 Services protect systems overseeing the pipeline and seven compressor and metering sites and deliver cost certainty for the operator.

The pipeline is the longest in the Middle East and Europe, stretching 1,811 km from Georgia to Turkey's border with Greece. TANAP has 16.2 Billion Cubic Meter per Annum (BCMA) of total gas delivery capacity to Turkey and Europe and with additional investment, the total gas delivery capacity can be increased to 31 BCMA. Enhancing energy supply security for Turkey and Europe, it is also creating stronger economic and political ties between Azerbaijan and the EU.

Honeywell technology is playing a vital role in realizing this. The Experion

C300 Platform and Honeywell Safety Manager provide each station's control, safety, emergency shutdown, and fire and gas systems, with Honeywell XLS80 fire alarm control panels in non-process buildings.

TANAP sought a solution to control the costs and risk further for itself and its customers, ensure system availability, reliability and uptime, and manage cyber security risks.

#### THE SOLUTION

Under Assurance 360, Honeywell commits to delivering agreed service levels rather than prescribed quantities of materials and labor, addressing TANAP's key priorities. The contract covers support, maintenance, optimization and change management. Delivery metrics include agreed maximum response and resolution times, reduced incident levels and successful change.

#### THE CHALLENGES

- Seven sites across Turkey
- A critical strategic project.

Some outcomes are TANAP's responsibility, with Honeywell's support; others are Honeywell-led with performance guarantees, and some are a joint partnership. Services also include proactive and predictive analytics and insights for continual improvements to performance. Remote connectivity provides much faster incident responses and problem resolution.

With Honeywell accountable for control system functionality, TANAP can focus on delivering the energy its customers considering highly increasing demand.

#### THE BENEFITS

- Lower technology risk, improved reliability and faster problem resolution
- Committed support for better resource utilization
- Opex budget certainty.

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