

REDEFINING PIPELINE OPERATIONS



The Intelligent Pipeline Solution is an Industrial Internet offering that helps pipeline operators make better, faster decisions. It combines Pipeline Management, a GE Predictivity™ software solution powered by the Predix™ platform, and Accenture's digital technology, business process, systems integration and change management capabilities to provide an integrated view of their pipeline network. With better integrity insights, active risk monitoring and complete data integration, operators will be able to identify and mitigate risk and put valuable resources where they are needed most. Providing the right information, at the right time, to help improve safety and operational efficiency.

TECHNOLOGY TRANSFORMATION

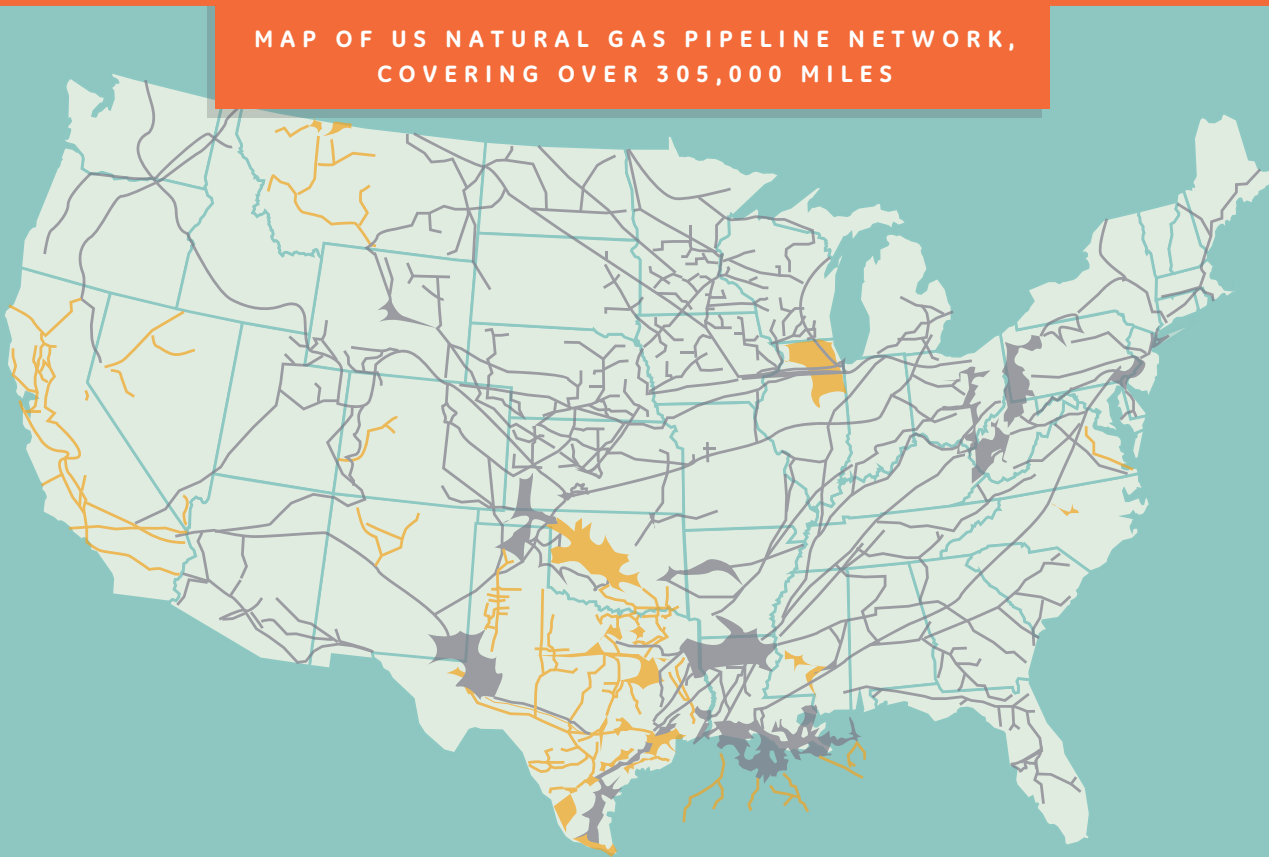
The solution integrates historic and near real-time internal and external data and applies analytics to provide greater situational awareness.

OPTIMIZED EFFICIENCY

With a greater understanding of asset health and current situational factors, the Intelligent Pipeline Solution allows you to prioritize maintenance tasks, resource allocation, and spend more effectively based on risk assessment.

ENHANCED SAFETY

By combining data streams into one intuitive dashboard, the Intelligent Pipeline Solution helps operators proactively respond to constantly changing events and risk exposures.



SOURCE: Energy Information Administration, Office of Oil & Gas, Natural Gas Division, Gas Transportation Information System



Pipeline infrastructure grows about

3-4 PERCENT

A YEAR GLOBALLY. (1)

AVERAGE AGE OF PIPELINE

Worldwide, most pipelines have been in place for

AT LEAST 20 YEARS.

(More than 50% of pipeline was installed between 1950 -1970.) (2)



SIZE OF CRITICAL
INFRASTRUCTURE:

ABOUT 2 MILLION MILES

of transportation pipelines
worldwide (3) — the equivalent of

WRAPPING AROUND

THE EARTH 80 TIMES.



The pipeline industry invests up to

\$40 BILLION

A YEAR GLOBALLY TO EXPAND

networks and maintain their
assets, but they are increasingly
challenged by an aging asset
infrastructure. (5)



GE estimates every 30,000 miles
of pipeline generates

17 TERABYTES OF DATA, (4)

IS MORE THAN

**THE ENTIRE PRINTED
COLLECTION OF THE
LIBRARY OF CONGRESS.**



Operators are taking added
precautions to ensure that

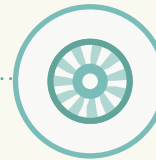
SAFETY REMAINS AT

THE FOREFRONT

while transporting increased
production volumes.

GE AND ACCENTURE ARE

connecting people, machines, and industrial big data



so pipeline operators can proactively manage their
assets and operations safely and more efficiently.

INTELLIGENT PIPELINE SOLUTION:

the right information, at the right time, to make the
right decisions.

LEARN MORE AT INTELLIGENTPIPELINESOLUTION.COM

SOURCES

1. GE O&G analysis based on Douglas Westwood, IHS CERA; 2. Interstate Natural Gas Association of America (INGAA) the Role of Pipeline Age in Pipeline Safety Report ; 3. PII Pipeline Database (Summary of Infield Systems, Global Data DOT and CIA world fact book databases);

4. Average data volume based on GE internal analysis of multiple pipeline customers; 5. Douglas Westwood market reports, FERC, CIA World Factbook