Safer and more resilient operations.

Al-based digital solutions that automate inspection processes by analyzing all visual inspection data to empower utilities with insights that reduce outages, improve worker safety, and extend asset life cycles. Reduce the risk of catastrophic events, while creating a safer, more sustainable infrastructure.

Key challenges impacting operations.

1. Time
   - Time consuming, manual inspection processes

2. Cost
   - High and unpredictable maintenance expenses

3. Reliability
   - Unplanned equipment outages

$197B
Growing investment gap in electric grid spending

All three major components of the electric grid—generation, transmission, and distribution—have an investment gap projected to grow to a cumulative $197 billion by 2029.

$21.9B
Enormous increase in transmission spending

Transmission spending in the U.S. increased from $15.6 billion in 2012 to $21.9 billion in 2017, driven by a desire to provide access to clean energy and to increase the grid’s reliability, security, and resilience.

92%
A majority of all service interruptions are caused by distribution systems

The distribution system accounts for 92% of all electric service interruptions, a result of aging infrastructure, severe weather events, and vandalism.

Why Hitachi?

Data is in our DNA.

We are the leader in powering global, mission-critical digital and industrial environments. From industry-leading digital and mission-critical systems to consulting expertise, we offer end-to-end digital solutions that help transform industries into data-driven enterprises. Hitachi’s unique vertical strengths and business acumen across global markets deliver solutions that unlock the potential of data-driven innovation and accelerate your digital transformation.

Solutions that transform operations.

Hitachi Image Based Inspection

Uses AI to automate image processing and analyzes thousands of images at scale, in milliseconds.

Hitachi Intelligent Infrastructure Monitoring

A closed-loop planning application that helps utilities prevent vegetation-related threats to improve grid reliability and operational insight.

Hitachi Vegetation Management

A single source of truth that offers insights from multiple systems such as EAM, FSM, and APMS to share common, actionable, map-based user interface.

Hitachi Map

Learn more