

# 4

## Ways To... Accelerate Innovation with HxGN EAM

Achieve operational excellence, reduce risk, and support sustainability with these strategies and solutions for unlocking the power of data across your organisation.

To meet the world's growing energy demands with sustainable solutions, power industry organisations must accelerate innovation. Data is vital to this mission. However, siloed data, processes and workflows often stand in the way of progress.

Embracing Hexagon's deep industry experience and future-ready solutions, power industry leaders can seamlessly harness data, moving from a preventative to predictive approach to operations.

Here are four key areas we can accelerate progress...

**50%** ↑

Global energy consumption is projected to increase by almost 50% in 2050, compared to the figure for 2018

**315** quadrillion Btu ↑

Industrial energy consumption to increase by over 30% by 2050, reaching about 315 quadrillion British thermal units (Btu)<sup>1</sup>

### 1 Digitalise Processes and Connect Data

A leading enterprise asset management solution, HxGN EAM, enables you to digitalise maintenance operations to track assets, streamline processes, and optimise resources with advanced insights, whether in the office or on the go.

In combination with HxGN SDx<sup>®</sup>, you can maximise connection and contextualisation by unlocking siloed data across your operations for faster, more informed decisions, taking innovation into the future of power.

**20%** ↑

improvement in labour productivity with HxGN EAM<sup>2</sup>

#### Verdantix Green Quadrant Leader

HxGN EAM was recognised as a leader in the 2022 Verdantix Green Quadrant for enterprise asset management software.<sup>3</sup>

### 2 Drive Operational Excellence

HxGN EAM delivers a suite of risk, condition and reliability-focused maintenance tools combined with AI and ML analytics technologies. By taking advantage of this solution, power industry leaders can ensure they are maximising the use of their assets for optimal return on investment and overall financial performance.

**20%** ↓

reduction in production downtime

**50%** ↑

increase in warranty cost recovery<sup>4</sup>

### 3 Enhance Safety

As they advance innovation, power industry organisations can close the operational gaps that create safety risks by digitalising and automating processes. With the Safety Management module in HxGN EAM, you can identify hazardous situations, materials and activities and the procedures for controlling them.

#### The key pillars are...



#### Safety

Easily identify hazards and associate precautions.



#### Lock-out and Tag-out

Set up the procedure that must be followed for a successful and safe isolation of equipment from its energy sources.



#### Permit to Work

Support the complete workflow of a permit to work, from inception to approval, activation and closing.

### 4 Ensure Compliance, Support Sustainability

The regulatory landscape presents ever-changing risks for power industry companies – from stringent health and safety regulations to EPA, NERC CIP and the latest sustainability-related rules.

With **HxGN EAM**, you can leverage enhanced data visibility to streamline resource usage in support of compliance.

**30%** ↓

reduction in inventory levels<sup>5</sup>

**95%** ↓

Hexagon is committed to helping customers cut Scope 1 and 2 emissions by 95% by 2030<sup>6</sup>

## Let's Talk

Your organisation can define the future of power generation, transmission, and distribution with Hexagon and Touchstone.

Scan the QR code below to contact your dedicated team today to continue the conversation.

