

# ACHIEVE MORE WITH AI SOLUTIONS

## HPE HELPS YOU MOVE FROM PILOT TO PRODUCTION

Advances in artificial intelligence (AI) are pushing the boundaries of what's possible—not sometime in the future. It's happening now. Still, many businesses wonder how AI can help them.

At Hewlett Packard Enterprise, we're delivering AI solutions based on tested, pre-designed, deployed HPE hardware; software and partner ecosystems; and HPE Pointnext Services.

Early AI adopters are seeing the impact of the technology. According to a 451 survey, 43% said AI technology has improved customer experiences, and 37% cited competitive advantage as a benefit.<sup>1</sup>

# 50%

of the organizations have deployed an AI initiative, have one in a proof-of-concept stage, or plan to within the next year.<sup>1</sup>

Let's take a look at what's possible.

### Accelerate your AI adoption with proven HPE solutions

## #1 Digital prescriptive maintenance and quality control

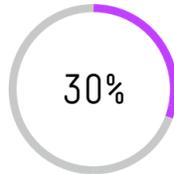


Integrate IT and OT data to help prescript when maintenance should be performed. Improve quality and processes—specifically for asset maintenance, defect identification, parts traceability, and robotics analysis. Improve efficiency and quality in production, manufacturing, retail processes.

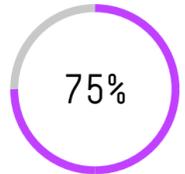
- **Decrease** cost of asset maintenance
- **Detect** production defects faster
- **Improve** quality tracing the parts

**Ideal for:** Manufacturing, energy and utilities, aerospace, defense, transportation, logistics, and retail

Use AI to reduce downtime/costs



Up to 30% maintenance expense reduction.<sup>3</sup>



Up to 75% reduction in system breakdowns.<sup>3</sup>

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## #2 Video analytics and surveillance



Automatically analyze video—facial recognition, queue monitoring, and unattended items—to detect events, uncover identity, monitor environments, and obtain operational insights for safety and quality assurance.

- **Decrease** human error (real-time video analytics)
- **Shorten** wait times (queue monitoring)
- **Increase** building or facility security—and safety

**Ideal for:** Airports, schools, governments/smart cities, manufacturing, and retail

Use AI to reduce costs



Up to 28% cost savings.<sup>3</sup>

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## #3 Speech and language processing

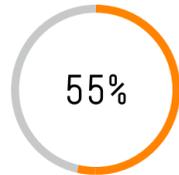


Automate the understanding of spoken and written language by applying natural language processing—communications surveillance, speech-to-text analytics, biometric search, live call monitoring, and hyperphonic search.

- **Automate** fraud detection, improve compliance
- **Improve** customer service efficiency
- **Speed up** emergency response and law enforcement readiness

**Ideal for:** Financial services, healthcare, government, sports/entertainment, and publishing

Use AI for better monitoring



55% more scenarios detected in conversations.<sup>3</sup>

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## #4 Highly autonomous driving



A car manufacturer may be able to operate the car as a robotaxi and potentially generate 10 times the sale price of a vehicle over the life of the vehicle.<sup>4</sup>

Implementation of level 3 and level 4 autonomous driving includes simulations and testing, in-vehicle analytics, and road and car condition prediction.

- **Accelerate** development of next-generation autonomous driving systems
- **Improve** quality by analyzing data from a network of test vehicles and software development centers
- **Shorten** testing and validation time for new software

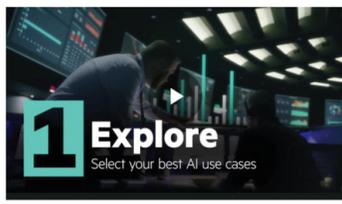
**Ideal for:** Transportation and automotive

# Ninth

Road traffic crashes rank ninth in the leading causes of death.

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### Unlock AI with HPE



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AI is complex. Instead of building one-off pilots that don't move to production, we work closely with your teams to **explore, experiment, and evolve** your solution for your specific use cases.

Ensure your deployment is a success with HPE's three-step approach to AI. Get started with the HPE AI Workshop and/or pilot your use case.

All AI initiatives combine HPE hardware, partner and HPE software, and HPE Pointnext services.

We're with you every step of the way, providing specific reference architectures, blueprints, demos, best practices, and recommendations.

### 6 reasons to choose HPE for AI

- 1 Expertise** based on hundreds of AI and data platform engagements
- 2 Integration** of partner ecosystem for each AI solution
- 3 Innovative**, comprehensive, high-performance compute and exascale supercomputing
- 4 Manageability** with container and MLOps software
- 5 Intelligent** data management across data pipeline
- 6 Economics** and cloud-like experience from edge to core, and as a service

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[hpe.com/us/en/solutions/artificial-intelligence.html](https://hpe.com/us/en/solutions/artificial-intelligence.html)

<sup>1</sup> 451 Research, "A Guide to Enterprise AI: Use Cases and Overcoming Key Barriers to Adoption," July 2019.

<sup>2</sup> ComputerWeekly.com, "Enterprise HPC: Why HPE is buying Cray," June 2019.

<sup>3</sup> Figure based on current HPE customer engagements.

<sup>4</sup> National Law Review, "Who Benefits from Self-Driving Cars?" August 2019.