CHANGING THE GAME FOR AUSTRALIAN CITIZENS

Accenture enables agencies to explore, understand and unleash the power of the New to build the government and health services that meet citizens', businesses' and employees' needs today and into the future.

ACCENTURE ARTIFICIAL INTELLIGENCE SERVICES

Regardless of whether you are after a Proof of Concept (PoC) or a full end-to-end service, Accenture can help you explore how you can unleash the power of artificial intelligence.

- Advisory, change management and governance
- Technology and vendor assessment
- Proof of concept (PoC) and pilots
- Configuration and implementation
- Service management
- Security

UNLOCKING THE ARTIFICIAL INTELLIGENCE OPPORTUNITY FOR BUSINESS

Artificial Intelligence transforms the relationship between people & machines, empowering people to make better decisions faster.

WHY CHOOSE ACCENTURE?

TRUSTED BY AUSTRALIANS

Australian government and health organisations have an obligation to deliver trustworthy and valuable services for Australian citizens. Accenture helps organisations ‘do things differently’ by addressing their business priorities head-on with everything we do, enabling sustainable change.

We bring together comprehensive new technology to sense, comprehend, act and learn. That means new ways to perceive the world; analyse and understand what’s happening; make better-informed decisions; and work with systems that learn, adapt and self-tune.

SMARTER INNOVATION, BETTER OUTCOMES

Faced with ageing IT systems, reduced or flat budgets and increased data security challenges, government and health organisations need to harness new technologies not simply to improve, but to reimagine business processes and operating models.

Accenture can help organisations embrace intelligent automation—from basic robotic process automation to virtual agents, cognitive robotics, machine learning, deep learning, natural language processing and video analytics.

DELIVER EXCEPTIONAL EXPERIENCES

Government and health organisations are faced with the challenge of meeting the often-heightened expectations of citizens and employees. New approaches like design thinking, co-creation, co-innovation, rapid prototyping and agile development can help organisations create new services that are personalised, user-centric and respond to people’s fast-changing needs.

Artificial intelligence empowers employees so they are freed to focus on higher value work, making their jobs more rewarding and making government and health more attractive employers.
WHAT IS ARTIFICIAL INTELLIGENCE

Artificial intelligence is a collection of advanced technologies that allows machines to sense, comprehend, act and learn. It is set to transform business in ways we’ve not seen since the Industrial Revolution; fundamentally reinventing how businesses run, compete and thrive. When implemented holistically, these technologies help improve productivity and lower costs, unlocking more creative jobs and creating new growth opportunities.

Artificial intelligence describes a collection of multiple technologies that enable machines to sense, comprehend, act and learn on their own.

APPLICATIONS OF ARTIFICIAL INTELLIGENCE

A conglomerate of technologies are the basis for a variety of artificial intelligence solutions—key applications include:

- **Intelligent Automation** – Intelligent Automation (IA) allows for the execution of both manual and digital back-end processes to eliminate repetitive tasks and liberate your workforce.

- **Robotic Process Automation** – Robotic Process Automation (RPA) allows organizations to deploy intelligent software systems or “robots” that mimic the actions of human users.

- **Cognitive Robotics** – Cognitive Robotics endows robots with artificial intelligence, providing them with perception, planning, memory and reasoning.

- **Virtual Agents** – Virtual Agents is a smart assistant that interacts with people and machines, harnessing the power of artificial intelligence to inform, support and advise, helping them with their tasks, challenges and goals.

- **Machine Learning and Deep Learning** – Machine Learning is an artificial intelligence technology that provides systems with the ability to learn without being explicitly programmed.

- **Natural Language Processing** – Natural Language Processing (NLP) group creates solutions for processing written and spoken text. This makes it possible to interpret the data and form actionable insights.

- **Video Analytics** – The science of applying computer vision algorithms to video surveillance feeds, in order to enable our clients to increase their situational awareness and collect meaningful operational, marketing and security insights.

INTELLIGENT AUTOMATION IS A SPECTRUM

INTRODUCTION

**SENSE**
- Text processing
- Computer vision
- Audio processing
- Sensor processing

**COMPREHEND**
- Natural language processing
- Knowledge representation

**ACT**
- Interface engines
- Machine learning
- Expert systems

**LEARN**
- Natural language processing
- Knowledge representation

EXPLORE TODAY

CONTACT
Edmund Gardner
Managing Director, Government and Health
Accenture Australia and New Zealand
+61 434 985314 | edmund.gardner@accenture.com

VISIT

ARTIFICIAL INTELLIGENCE SHOWCASE
See, touch and feel emerging and innovative technologies at The Garden, home of Accenture's Government & Health Innovation & Advisory Network for Australia and New Zealand. Join us on Slack: acnthegarden.slack.com/join/signup