

# Vending Analytics

Servicing and maintaining a portfolio of vending machines is challenging. Opportunities exist to optimise sales, product mix, availability and price.



[www.getvendinganalytics.co](http://www.getvendinganalytics.co)

## NICTA's Solution

Vending Analytics provides cloud-based vending machine management software that gives recommendations on how to optimise vending machines to maximise sales and minimise stockouts. Vending Analytics makes it easy to manage 1,000s of machines. Using techniques from machine learning and optimisation, Vending Analytics helps improve the performance of each individual machine.

Vending Analytics is a collaboration between:



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This project is part of NICTA's Infrastructure, Transport and Logistics Business Team, which delivers innovative ICT solutions that transform the efficiency, safety and sustainability of transportation systems and infrastructure networks.

**Research Excellence in ICT**  
Wealth Creation for Australia



# Leading the Way

NICTA is Australia's Information and Communications Technology (ICT) Research Centre of Excellence, driving innovation through high quality research, research training, commercialisation and contract research.

NICTA has the largest concentration of ICT researchers in Australia. Our research focuses on use-inspired basic research that benefits industry, the community and the national interest.

Since NICTA's inception in 2002, NICTA has built strong research capability in:

- Software Systems
- Networks
- Machine Learning
- Computer Vision
- Optimisation.

Our Business Teams are the market focus of our research capabilities:

- Broadband and the Digital Economy
- Infrastructure, Transport and Logistics
- Security and Environment.

NICTA researchers work on Business Team projects supported by:

- An Engineering and Technology Development Team
- IP, Legal and other professional support.

Our work as a world-class research institute and Centre of Excellence in science and innovation brings together many of Australia's and the world's top ICT researchers. NICTA provides them with the facilities and support they require, making imagination to impact a reality.

NICTA's unique approach fosters and develops ICT research. We work closely with both industry and other research institutions to solve problems and make breakthroughs in ICT with real impact. NICTA's focus on use-inspired research means our projects have direct relevance to the challenges faced by business, government and individuals around the world. The result is breakthrough technologies that provide commercial opportunities and have a positive impact on Australia's export earnings.

[www.nicta.com.au](http://www.nicta.com.au)

