Real-World Success Stories

Oscar the Sorter
TDK & Doosan – Revolutionizing Recycling Through Automated Streamlined Robotics and No-Code ML Development

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Hi, We’re TDK Qeexo, A Machine Learning Company

TDK Qeexo supports streamlined automated machine learning development and custom AI solutions engineering – enabling industry 4.0 digital transformation in the industrial manufacturing, energy generation, and CPG verticals

**Founded:** 2012
- Spun out of Carnegie Mellon University
- Acquired by TDK Corporation Feb-2023

**Key Areas of Business:**
- Machine Learning as a Service
  - Qeexo AutoML – fully automated, no-code machine learning platform for embedded devices
- Applications Products (400 million units sold)
  - FingerSense, EarSense, TouchTools
- Engineered AI Services
What We’ll Cover

1. The Problem with Recyclable Drinkware and Improper Disposal
2. Introducing Oscar the Sorter
3. Oscar in Action
4. RPA & AI Shared Engineering Challenges
5. Qeexo and Doosan Streamline Development
6. The Future Impact of No-Code Solutions Engineering on AI and RPA
The Problem With Disposable Drinkware

- World-Wide 600 Billion Paper & Plastic Cups Produced Annually

- In the USA Over 50 Billion Paper Coffee Cups with Lids Discarded Per-Year

- In the UK 1-in-400 Coffee Cups

- 90% of recyclable cafe-ware ends up in AU landfills
Meet Oscar the Sorter – Champion for the Environment

Embedded AI

Gripper & Current

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Attracting Tomorrow
Meet Oscar the Sorter – A Champion for the Environment
Industry Challenges in Robotics & AI Development

Challenges
• Requires Skilled Experts
• High Effort
• Lack of Standardized Tools
• Not User Friendly
• Slow Development
• Expensive

The need for an efficient, automated approach to solutions engineering exists in both fields.
How Qeexo and Doosan Solve Similar Challenges

Qeexo and Doosan platforms enable solutions engineering that is faster, more agile, and further reaching than traditional applications development.

- No code, low-touch environments
- Streamlined development
- Fully-automated
- Empowering non-experts and engineers
- Fast and efficient
Doosan & TDK – Achieving A Shared Vision

TDK and Dart Suite Enable Development
Transforming the Future of Solutions Engineering

• Low-touch, no-code solutions have already begun transforming AI and RPA development
• Continued advancements will accelerate innovation and broaden accessibility
• Further evolution will enhance system capabilities
• Solutions engineering transformation
Q&A & Contact

Have Questions? Please ask 😊

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