

# AI USE CASES

Welcome to the forefront of AI excellence with New Resources Consulting's AI Solutions Group. Led by Microsoft MVP and NRC's AI Practice Director Cameron Vetter, our subject matter experts redefine innovation with cutting-edge solutions that seamlessly integrate artificial intelligence and machine learning into your operations. From manufacturing, healthcare, and business operations to finance, information technology, and sales, NRC will help your organization leverage AI to improve existing workflows. Partner with NRC today to harness the power of artificial intelligence and propel your business into the future.



# FINANCE



**Medical Imaging**  
Reprocess to enhance images and remove noise; suggest diagnosis for the image and highlight reasons why



**Lead Quality Analysis**  
Identify complex data patterns beyond the capabilities of human analysis; remove manual work and integrate models into normal CRM workflows

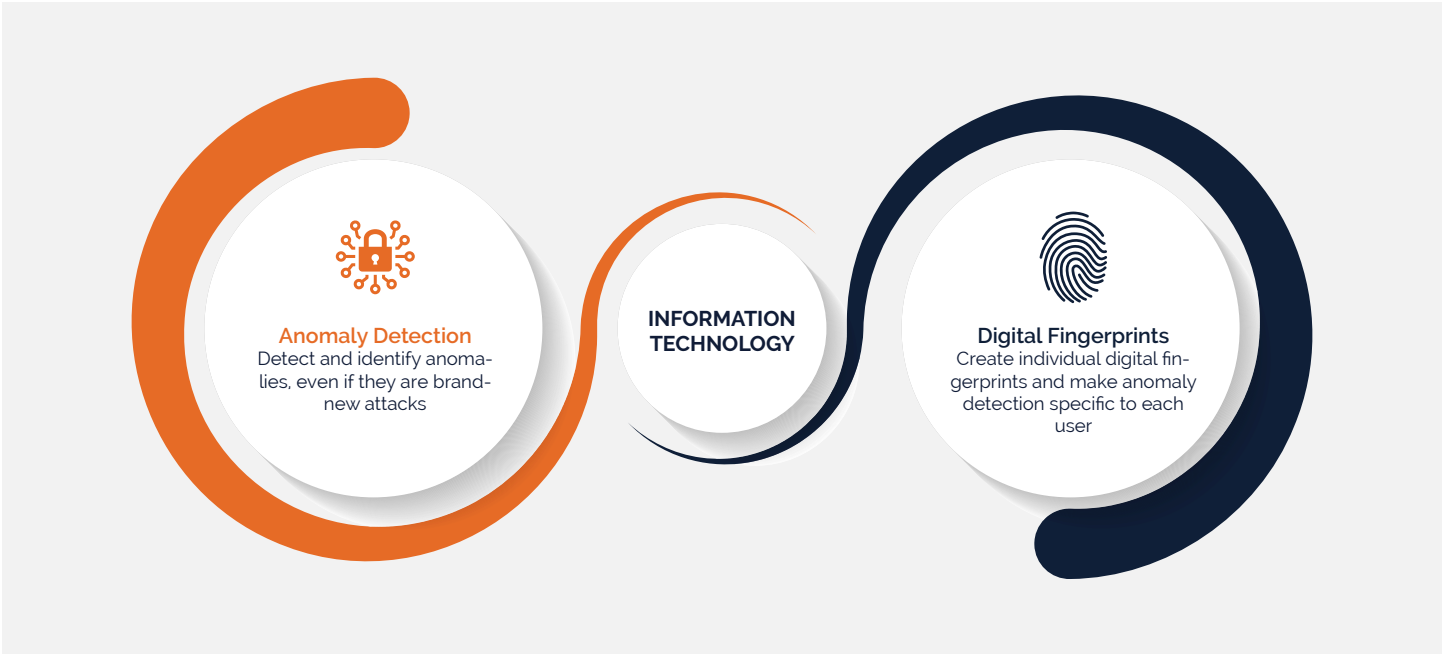
**Product Sales**  
Integrate chatbot to ask poignant questions and narrow in on the correct product; recommend products to meet customer needs



**Product Personalization**  
Observe how users interact with products to understand what features they need; redesign user interfaces for each user to make it simpler and more personal

# SALES

*improvement  
through  
technology*



**Anomaly Detection**  
 Detect and identify anomalies, even if they are brand-new attacks

**INFORMATION TECHNOLOGY**

**Digital Fingerprints**  
 Create individual digital fingerprints and make anomaly detection specific to each user

**Product Configuration**

Hands-free speech-to-text and text-to-speech; augment decisions from system sensors; test configurations in real time to identify potential problems

**Preventative Maintenance**

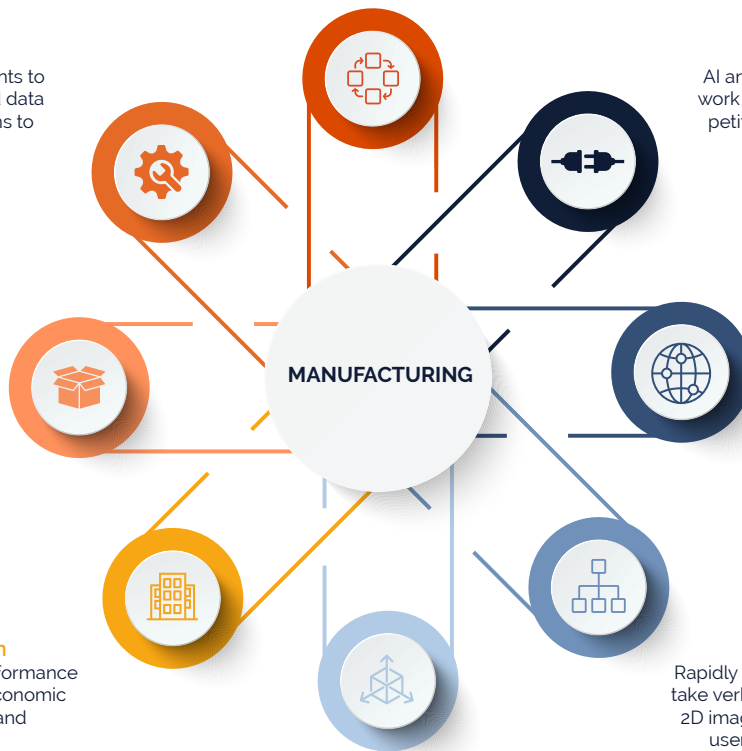
Use sensor data or other data points to predict breakdowns; utilize sound data monitoring and instant notifications to inform upcoming work

**Process Optimization**

AI and humans collaborate to complete work faster; automate simple and/or repetitive tasks so humans can complete complex tasks

**Warehouse Operations**

Automatically pick, pack, and sort items; strategically placed sensors provide real-time monitoring in the warehouse



**Custom Engineering**

Customers configure a product interactively with a chatbot; automatically generate quotes for sales team to review

**Inventory Optimization**

Train AI on past sales performance data; leverage relevant economic indicators; better understand business seasonality

**Prototyping**

Rapidly create ideas and iterations; take verbal descriptions and create 2D images or 3D models; simulate user interactions with products

**Defect Detection**

Capture high-speed imaging and find the correct part of the image; decide if products are good or defective in real time