

Allmatics

IoT solutions for established and growing companies

www.allmatics.com

Markets Expertise



USA

CANADA

EUROPE

UNITED KINGDOM

UKRAINE

INDIA

AUSTRALIA

Our Expertise

AI/ML

Capitalize on our expertise in ML and AI and develop cutting-edge solutions that automate complex processes, enhance decision-making

IoT

With profound knowledge in the Internet of Things (IoT), we architect and implement smart, connected solutions that ensure seamless device interconnectivity

Design

Concept & Industrial Design, Rendering, Animation

Engineering

Electronics architecture & Engineering, CAD Modeling

Research & Development

Project presentation, Proof of concept, Prototyping

Software development

C and C++, Python, Java, Node.js, .NET

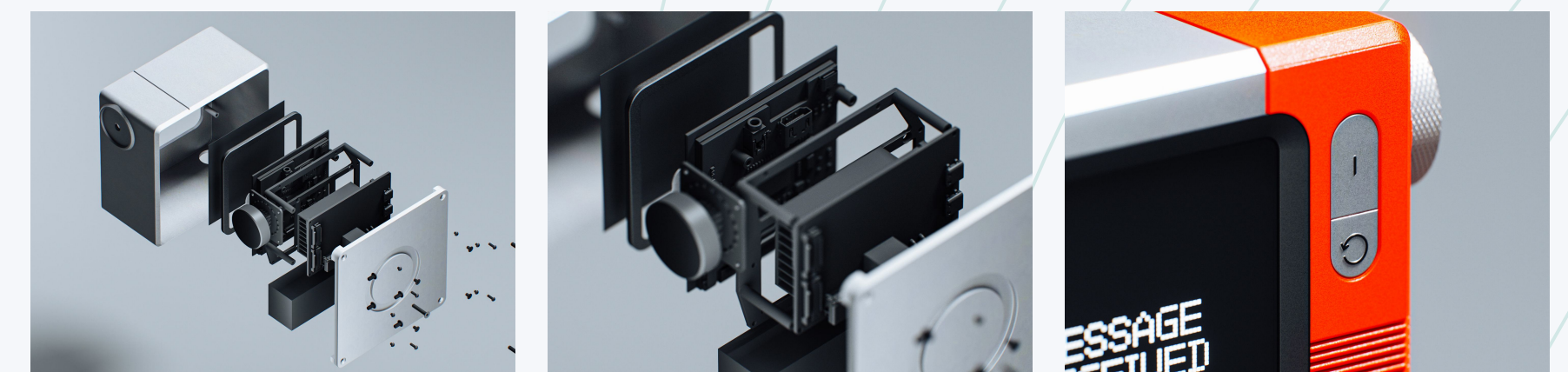
AI-Powered Copilot System: ReadU6

Overview:

ReadU6 is an innovative AI-powered copilot system enhancing communication between pilots and air traffic controllers, designed to reduce risks and improve flight safety across the aviation sector.

Key Features:

- **ATC Communication Interpretation:** Interprets, translates, and visually presents ATC communications, minimizing miscommunication, translation errors, and noise interference.
- **Pilot Workload Reduction:** Lowers pilot mental workload and distractions, allowing pilots to focus on flying.
- **Integration & Compatibility:** Seamlessly integrates with existing aviation infrastructure, supporting commercial, general, business, and cargo aviation.



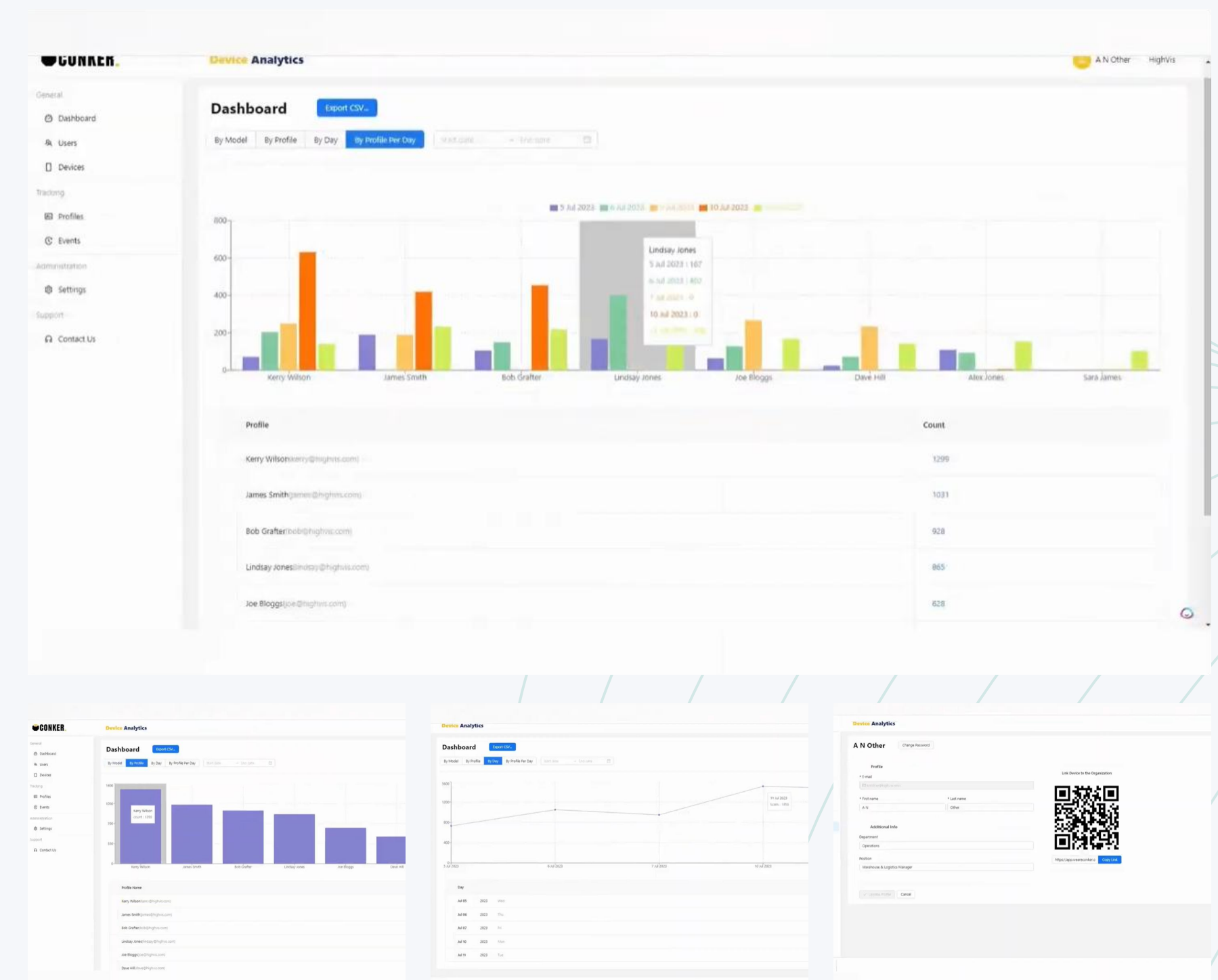
Conker: Scanning Device and Analytics Platform

Overview:

Conker, a British supplier of rugged tablets and handheld devices running on Windows or Android, partnered with us to build a comprehensive digital solution. We developed an analytics platform (web application) and a barcode scanning tool (Android application) from scratch to optimize scanning processes for their end clients.

Key Features:

- **Analytics Platform:** Provides valuable insights into scanning processes, including performance monitoring and usage pattern analysis.
- **Barcode Scanning Tool:** An Android application designed to enhance the efficiency of barcode scanning operations.
- **Data-Driven Optimization:** Helps clients streamline their operations, improve workflows, and make informed decisions based on real-time data.



Interactive Touch Screen: SCORE

Overview:

The Score is a futuristic AI-powered interactive kiosk designed to streamline guest interactions in hospitality and residential rental spaces. Combining cutting-edge technology with an inviting design, The Score enhances customer convenience and operational efficiency.

Key Features:

- **Facial Recognition Access:** Identifies guests securely, dispensing access cards through a built-in mechanism, eliminating the need for manual check-ins.
- **Modern & Intuitive Design:** Features a circular touchscreen display with a sleek rod-shaped LED illuminator, creating a user-friendly and visually appealing experience.
- **Cost-Effective Solution:** Offers a practical and scalable alternative to traditional concierge services, reducing overhead while maintaining high customer service standards.



Our Expertise & Services

Product Discovery

- Business Analysis
- Research & Development
- Product Roadmapping
- Project presentation
- Concept Design
- Proof of concept
- Prototyping
- Development

Product Development

- AI/ML-based Solutions
- Embedded/IoT Systems
- Custom-built Products
- Industrial Design
- DevOps and Cloud Architecture
- Security and Vulnerability
- Engineering & CAD
- Electronics architecture &
- Engineering
- CAD Modeling

Enhancements

- Innovations Implementation
- Product Enhancements
- 3rd Party Integrations
- Legacy Code Optimization