

Contguard Modernizes Cloud Infrastructure and Security on Microsoft Azure



ABOUT CONTGUARD

Contguard is a global leader in AI-driven IoT technology, providing comprehensive visibility and control over goods in transit. By integrating IoT sensors, GPS tracking, and AI, Contguard ensures real-time tracking of shipments from origin to destination, offering insights such as location, estimated arrival times, intrusion alerts, and cargo conditions like temperature and humidity. Their 24/7 control center guarantees that all security standards align with client-specific requirements.

Founded in 2014 by experts in security, logistics, and big data, Contguard has grown into a trusted partner for global enterprises. Headquartered in Israel and Europe, they have built a network of 28 partners worldwide, delivering localized customer support and seamless IoT device management for enhanced supply chain security and efficiency.

CHALLENGES

With the increasing volume of data generated by their IoT devices, Contguard needed to efficiently manage and analyze this data while staying focused on innovation and development. They sought a partner who could provide both Big Data and BI expertise, offering a comprehensive solution that included Cloud Solution Provider (CSP) services and professional support under one roof. This approach would allow Contguard to optimize their data operations without diverting resources from their core business priorities.

SOLUTION

Commit initiated a comprehensive modernization of Contguard's infrastructure on Microsoft Azure, ensuring alignment with Microsoft's best practices. This modernization effort aimed to enhance scalability, enabling Contguard to efficiently manage growth and evolving operational demands.

On the security front, Commit implemented Palo Alto's Prisma Cloud, significantly strengthening Contguard's security framework. This allowed Contguard to maintain a robust and proactive security posture, safeguarding their data and operations against potential vulnerabilities.

In parallel, Commit addressed inefficiencies in Contguard's existing PowerBI system, optimizing outdated ETL and SSIS processes to improve data handling and reporting capabilities. By refining the BI solution and streamlining data processes, Commit provided Contguard with the tools to generate actionable insights from their data, supporting better decision-making and operational efficiency. This end-to-end solution ensured Contguard is well-equipped to scale securely and effectively in the future.

ADVANTAGES

Enhanced Scalability: Modernization of infrastructure on Microsoft Azure, following best practices, allowed Contguard to manage growth and operational demands more efficiently.

Improved Security Posture: Implementation of Palo Alto's Prisma Cloud strengthened Contguard's security, ensuring protection of data and operations.

Optimized Data Processes: Commit streamlined Contguard's PowerBI system by optimizing outdated ETL and SSIS processes, resulting in improved data handling and reporting.

Actionable Insights: By refining the BI solution, Commit enabled Contguard to generate meaningful insights, enhancing decision-making and overall operational efficiency.

Comprehensive Cloud Support: The integration of CSP services and professional expertise under one roof helped Contguard focus on innovation without diverting resources from core business priorities.

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