



Driving Innovation

How GWM Uses Cybellum to Manage Vulnerabilities and Help Certification



Great Wall Motors is a Chinese automobile brand with its headquarters located in Baoding City, Hebei Province. The business scope of Great Wall Motors includes the design, research and development, production, sales, and service of automobiles and auto parts. The company focuses on the research and application of forward-looking technologies such as intelligent connectivity, intelligent driving, and chips. Additionally, Great Wall Motors has made a full industrial chain layout in clean energy fields like power batteries, hydrogen energy, and solar energy.

Implementing a Comprehensive Product Security Strategy

The GWM team required the adoption of a comprehensive Product Security Platform. The primary motivators for seeking such a platform were:



High Quality Software Bill of Materials (SBOM) Creation and Management

A high fidelity, comprehensive SBOM was required as a baseline for asset management and cybersecurity activities.



A Need for Certification Support

Generating and managing reports for regulatory compliance for multiple products and components was required, in order to produce cybersecurity and SBOM documentation as part of VTA and regulatory submissions.



Vulnerability Detection, Prioritization and Management

The solution needed to not only detect known vulnerabilities, but also conduct contextual filtering automatically, in order to reduce vulnerability analysis burdens.



Comprehensive Coverage

Support of all major OSs and architectures was another important requirement.

Leveraging Cybellum to Strengthen Product Security

A few key differentiators stood out to the GWM team, and led them to choose Cybellum:



Robust SBOM & Asset Management Capabilities

Cybellum's advanced and precise SBOM creation & management capabilities were another highlight, allowing to aggregate asset data from multiple sources to generate high quality SBOMs, such as firmware, source code analysis and external SBOM files. The SBOM approval process can also be facilitated by Cybellum's platform, allowing security professionals to validate, verify and approve SBOMs all inside the platform.



Coverage Flexibility

Cybellum's ability to offer extensive coverage across various architectures and Operating Systems was a key highlight.



Smart, Automated Assurance

Known vulnerability detection and prioritization, as well as automation and context filtering features such as the VM CoPilot (Cybellum's smart triaging assistant) were another highlight, reducing the burden on the cybersecurity team by simplifying vulnerability analysis.

These capabilities were not matched by the other solutions evaluated, making Cybellum the clear choice for GWM.

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The Cybellum Product Security Platform effectively reduces vulnerability resolution time, improves team productivity, and provides great help in Vehicle Type Approval (VTA) certification, vulnerability resolution and management.

Great Wall Motor Internet of Vehicles Security Operation Manager




Deploying the Product Security Platform

The Cybellum Deployment & Customization teams implemented Cybellum's platform into the company's unique environment. This was important in order to ensure compatibility with the customer's existing toolchain and product development workflow. The process includes the following steps:



Delivering Tangible Results

Since implementing Cybellum, GWM has achieved several significant outcomes:

-  **30% Faster Assurance & Risk Mitigation** - The team estimates that the Product Security Platform makes their overall vulnerability activities 30% more efficient, saving time and resources for the entire organization. Cybellum's smart triaging assistant, the VM CoPilot has further streamlined the vulnerability analysis process, allowing the cybersecurity team to focus and mitigate the most critical threats.
-  **Much Simpler Asset & SBOM Creation and Management** - The team is now able to easily and automatically create product assets inside the Product Security Platform (also called "Digital Twins"), in order to build an asset repository for assurance and compliance activities.
-  **Acceleration of Vehicle Type Approval (VTA) Certification** - Cybellum's SBOM and assurance capabilities provide the GWM team with critical support in VTA certifications, making it faster and more efficient

The GWM team was also impressed by the timely support provided by Cybellum throughout the deployment process and on an ongoing basis.

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GWM is leading the way in automotive innovation in China. We are extremely proud to partner with them on this journey, helping them achieve cybersecurity certifications and manage vulnerabilities that enable the innovations they are known for.

Eddie Lazebnik, VP Channel Sales at Cybellum

About us

Cybellum is where teams do product security.

Top Automotive manufacturers such as Jaguar Land Rover, Nissan, Audi, and Faurecia use Cybellum's Product Security Platform and services to manage cybersecurity risk and compliance across business units and lifecycle stages. From Asset & SBOM Management to Assurance & Vulnerability Management, CSMS Management, and WP. 29 Evidence Creation, teams ensure their connected products are fundamentally secure and compliant – and stay that way.