

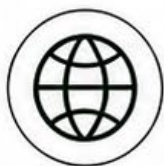
Transformation into a Mobility Solutions Provider



Deliver valuable products and systems
Safety, vehicle control, environment, and more



Evolve with the market and ecosystem
Deliver continuous value with speed and agility



Keep evolving SDV systems
In-Car × Out-Car
Sustain the Evolution Loop

Engineering Evolution

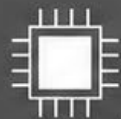
In-Car × Out-Car
(Vehicle-Cloud Integration)



Cross-Domain Integration
Unified view across the entire vehicle



ECU Optimization
Maximize each ECU



continuously increases value through the Evolution Loop –
Mobility Solutions Provider.

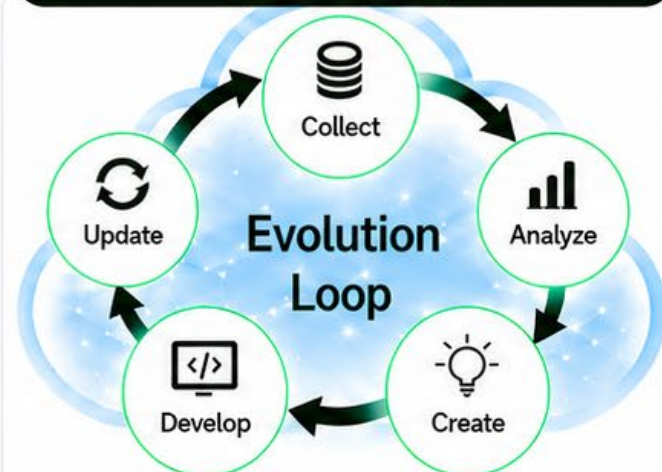
Cypremos Value

cypremos

A digital evolution platform that implements and operates AI-driven development to drive engineering excellence.

IT × AI × Automotive
Realize the Evolution Loop

Evolution Loop



In-Car × Out-Car in a continuous loop

Cypremos Value = Speed × Efficiency



Faster, more efficient digital development
AI-powered & automated



Proven in In-Car / Out-Car
Deployed in production



Automated Scenario Contract
Execute → Judge → Record



AI × Vehicle-Cloud Integration
Field-proven speed & quality



Messages

Astemo integrates
Product, System, and Solution
to build a continuously evolving
Vehicle-Cloud system for SDV.



Our Focus Areas



1

System Integration

Integrate design, verification, operation, and updates to make SDV a successful business.



2

Speed × Quality

Deliver the fastest, most efficient digital development with the Evolution Loop.



3

Scalability

Build a digital foundation for SDV that is reusable and scalable globally (V-C integration × AI).



4

Co-Creation

Build an engineering partnership with OEMs to evolve vehicles and systems.



Demo Messages

Astemo
Mobility Beyond

cypremos
deliver freedom beyond imagination



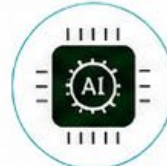
AI Test Case × Integrated Verification

AI generates test cases from design data and accelerates cross-domain verification.



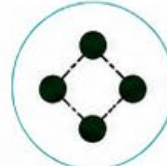
Evolution Loop Implementation

Reduce effort and dependency.
Enable fast, efficient digital development.



AI-Centric Development

From requirements (SYS2) to implementation and verification (SWE5), automate the flow. People focus on decisions and value.



Automated Scenario Contract

Automate execute → judge → record.
Streamline cross-domain verification across multiple ECUs and domains.

Cypremos Value = Speed × Efficiency



Fast, efficient digital development
AI-powered & optimized



Proven in In-Car / Out-Car
Deployed in production and continued use



Continuous Evolution Loop
Continuous value from development to operation






Let us know your challenges!


Share your challenges with us.
We support from implementation to operations.

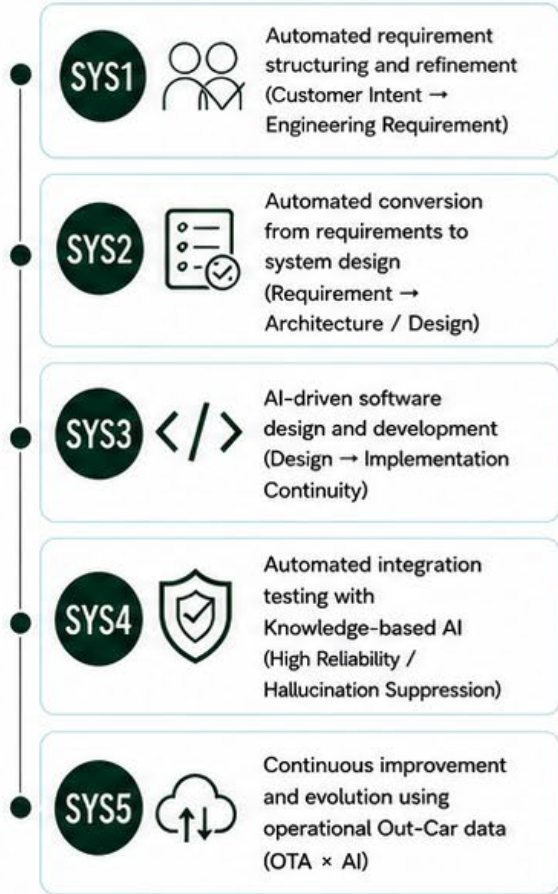
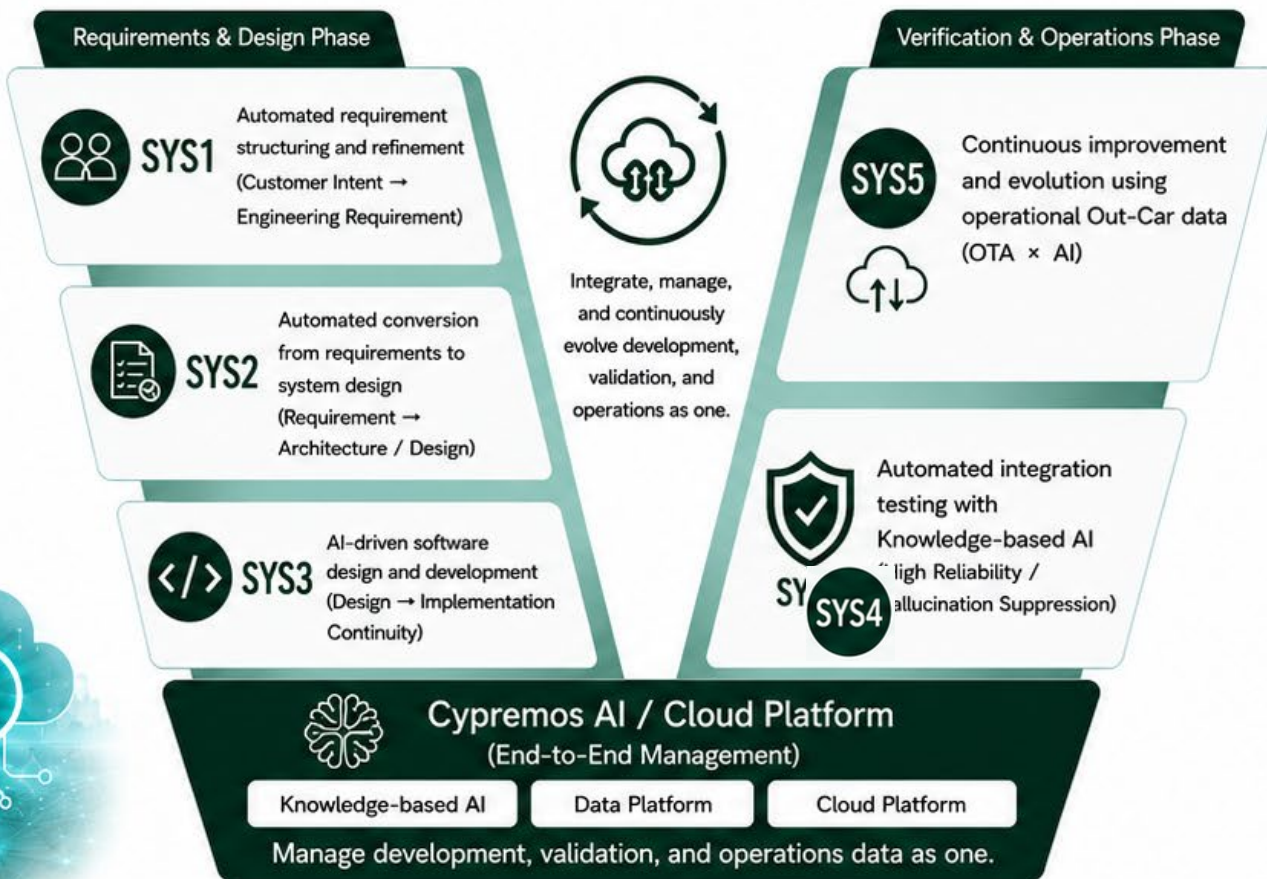


Achieving Seamless V-Shaped Development

Cypremos SDV Engineering Suite Roadmap (V-Shaped Development at Unprecedented Speed with AI & Automation)

-  Integrating AI & cloud to connect development, validation, and operations end-to-end.
-  Automation from SYS1 onward drives technologies into production and continuous evolution.
-  Maximizing long-term SDV value through continuous improvement.

 In collaboration with Astemo's mass-production and safety engineering expertise, enabling real vehicle-level evolution.

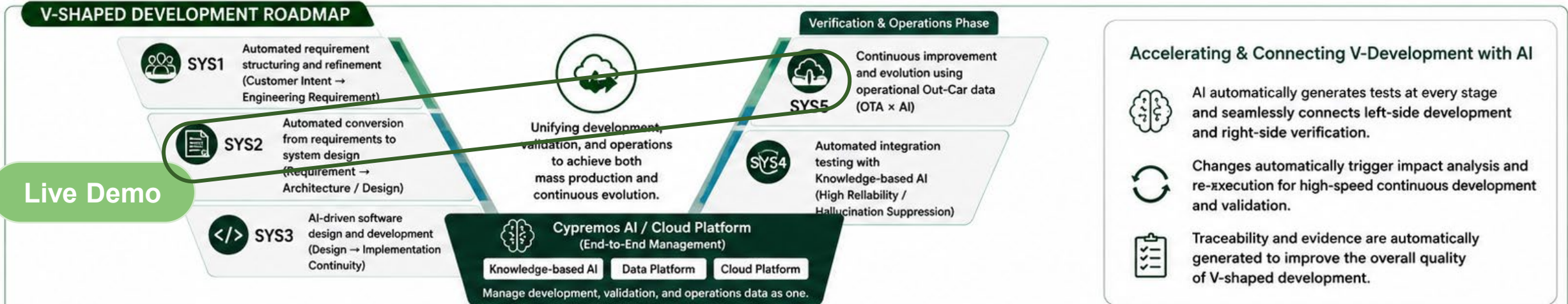
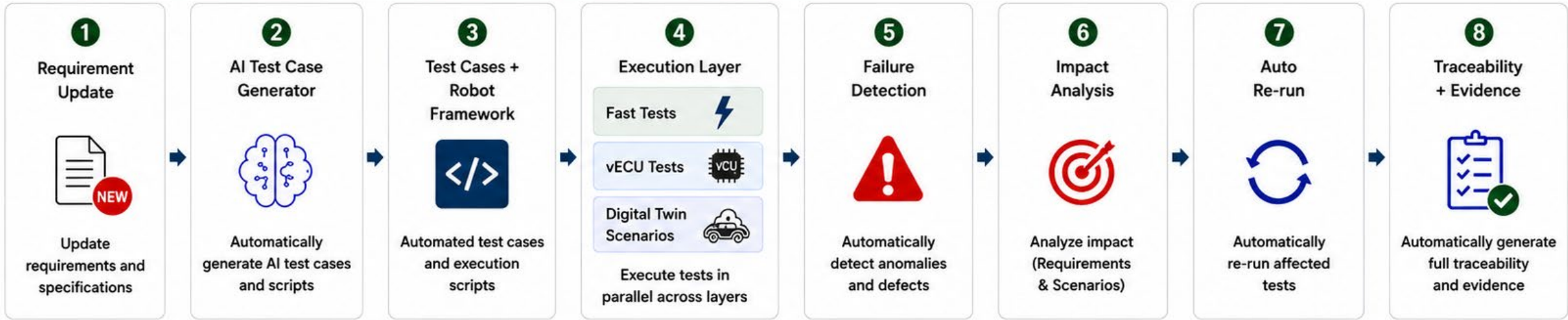


-  **Mass Production Excellence**
Deliver high quality & safety to the market.
-  **Safety & Quality Leadership**
AI-powered verification for higher safety & quality.
-  **Faster Development**
Automation & data utilization shorten development and validation cycles.
-  **Continuous Value Creation**
Data & AI-driven evolution maximize SDV value over time.



AI-GENERATED TEST CASES CI/CD PIPELINE OVERVIEW

AI automatically generates tests and rapidly validates them at scale on virtual ECUs and digital twins.
Requirements to evidence — seamlessly connected across the CI/CD pipeline.



Mass Production Excellence
Ensure product quality and safety and deliver to the market.

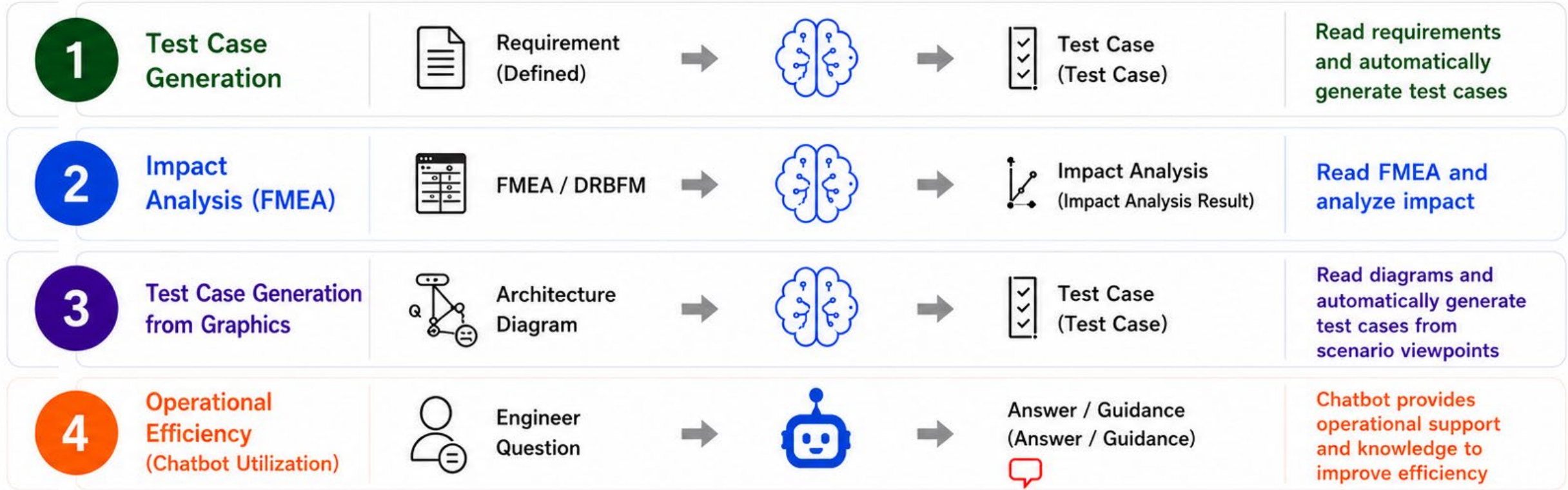
Safety & Quality Leadership
High-quality verification with AI for continuous safety and quality improvement.

Faster Development
Automation & data utilization shorten development and validation cycles.

Continuous Value Creation
Data & AI-driven evolution maximize SDV value over time.

AI-GENERATED TEST CASES LIVE DEMO FLOW

AI automatically generates tests and enables engineers to deliver high-quality tests faster.

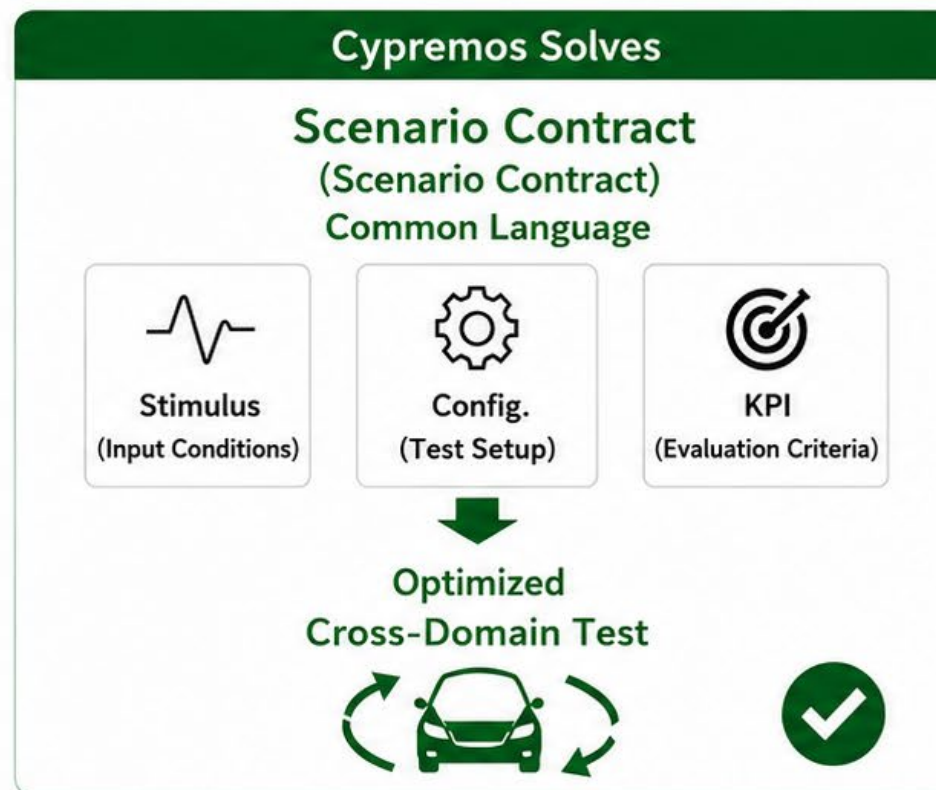
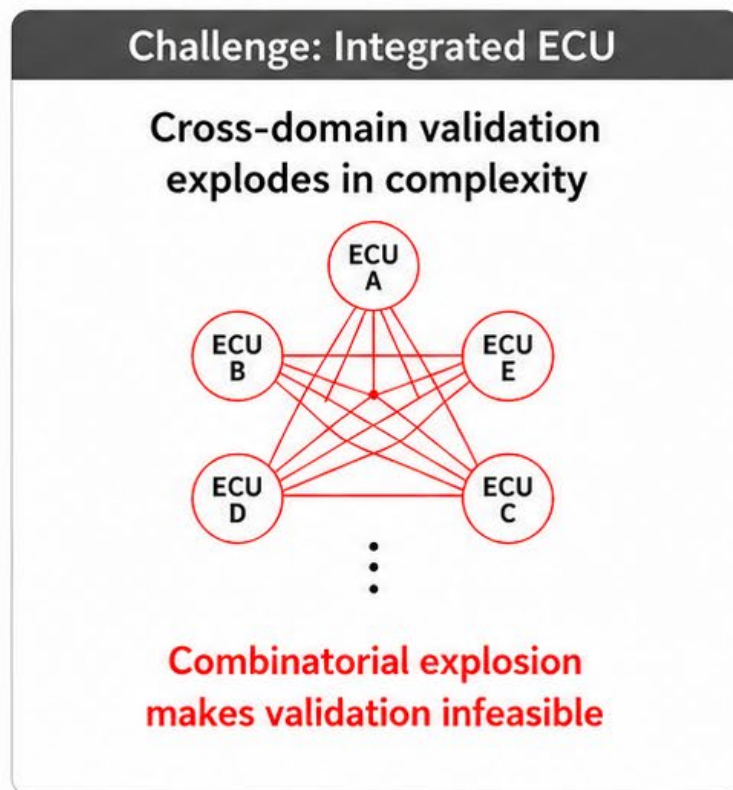


Control the complexity of cross-domains with Scenario Contract and make validation realistic, efficient, and reliable.

Through AI × Engineering collaboration, we move to the next stage of test quality and speed.

Key Features of Cross-Domain Integrated Testing

From ECU Unit to Vehicle Level, Scenario-Based Cross-Domain Validation



Standardized with Scenario Contract
Unify common language for requirements, configuration, and KPIs



Optimized Test Design
Reduce unnecessary combinations and significantly cut test count



Visualization & Analysis
Cross-domain impact analysis enables early issue detection



Improved Quality & Safety
End-to-end validation ensures high-quality, reliable products

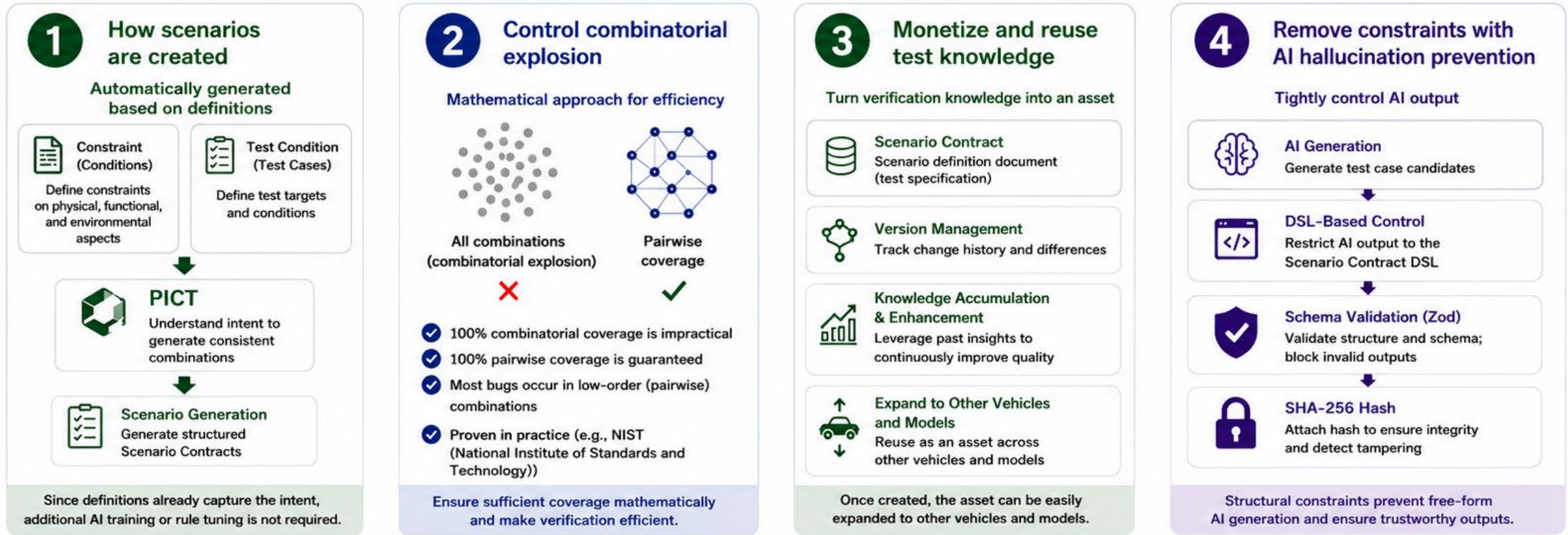


Control the complexity of cross-domain systems and deliver testing that is realistic, efficient, and reliable

With AI × engineering collaboration, we take test quality and speed to the next level

Scenario Contract enables verification across the lifecycle: Generate, Control, Monetize & Guarantee

By generating Scenario Contracts, assets can be expanded to other vehicles and models.



It's not about "generating" more, but about "controlling" verified test assets.

Faster Development
Automate generation and execution to accelerate verification

Higher Quality & Reliability
Ensure consistency and deliver high-quality verification

Reduced Effort & Cost
Reduce verification effort through optimal combinations

Increased Reusability
Reuse test knowledge to maximize development efficiency

Strong Organizational Memory
Prevent knowledge loss and capture organizational know-how









With Scenario Contract, we deliver **generation, control, monetization, and guarantee** in one seamless workflow and accelerate the next generation of verification.

Cross-Domain Integrated Verification Process

By generating Scenario Contracts, assets can be expanded to other vehicles and models.



Live Demo

 <p>Understand system requirements with AI assistance</p>	 <p>AI assists in generating Scenario Contracts from requirements</p>	 <p>Define Stimulus / Config. / KPIs</p>	 <p>Automatically generate optimized test cases by deduplication and optimization</p>	 <p>Execute tests in virtual environments and simulations (CI/CD ready)</p>	 <p>Automatically collect and visualize results</p>	 <p>Continuously verify quality and speed to enable fast deliveries</p>	 <p>Reuse assets to expand to other vehicles and models</p>
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Deliver continuous, efficient, and high-quality cross-domain verification

 <p>Reduce Verification Effort</p> <p>Up to 70% reduction*</p>	 <p>Improve Quality</p> <p>Detect issues earlier and improve release quality</p>	 <p>Prevent Verification Gaps</p> <p>Ensure coverage with AI optimization and deduplication</p>	 <p>Accelerate Time-to-Market</p> <p>Shorten verification cycles and accelerate time-to-market</p>	 <p>Maximize Asset Reuse</p> <p>Reuse scenarios and assets efficiently across vehicles and models</p>
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* Actual results in our verification case studies