

Ruptela Scripting Solution



Custom logic. Directly on the device.

Scripting enables the execution of custom Lua scripts directly on the hardware, alongside all standard functionalities. No hardware changes. No firmware rewrites. Your business logic is defined and executed in real time.

Key Capabilities



Multi-source data combination (GPS, CAN, inputs) for advanced logic



Real-time event triggering and instant alerting



Custom driver identification and validation workflows

Example Use Cases

Complex time-based DIN logic.

Trigger alerts based on input duration and pre-defined conditions.

Multi-condition alerts.

Generate notifications based on intersecting variables (e.g., speed and axle load from CAN data).

Driver validation workflows.

Implement conditional vehicle access based on driver identification parameters.

Key Benefits

Previously, non-standard requirements demanded feature requests, lengthy development cycles, and compromises. With scripting, you can:



Take full control of device logic



Reduce dependency on external development timelines



Adapt instantly to customer-specific needs



Build differentiated solutions without altering the core product

Solution Overview

Scripts are written in **Lua**, a lightweight and widely used scripting language for embedded systems. With Ruptela-specific functions, scripts can access device I/O, GPS data, SMS commands, and more.

Script Development Options



Manual Mode

Independent script development and deployment for users building highly customized and flexible solutions.



Virtual Engineer

AI-powered assistant for quick script generation, refinement, troubleshooting, and optimization.

Availability

Supported devices:



Full documentation and examples are available to support your development. For access to advanced features, including the AI scripting assistant, please contact your Ruptela Sales Manager.

