

Diagnostics, Telematics & Uptime

Security Solutions combines TEXA multi-brand diagnostics and connected fleet technology to detect issues sooner, plan service intelligently and keep commercial equipment working.



COVERAGE SNAPSHOT TEXA IDC6 delivers broad on-road diagnostics; eTRUCK adds remote diagnosis, maintenance visibility and fleet-to-workshop coordination on supported applications.

5 VEHICLE GROUPS Truck, bus/RV, light commercial, powertrain and trailer	MULTI-SYSTEM Engine, transmission, emissions, chassis, body and more	BI-DIRECTIONAL Command components and verify repairs
SERVICE FUNCTIONS Regens, coding, resets, calibrations and adjustments	GUIDED INFORMATION Wiring, procedures, bulletins, flowcharts and solved problems	CONNECTED TELEMATICS — Remote health visibility, service coordination and remote diagnosis with eTRUCK.

For repair operations, mobile technicians and fleets that need an uptime-focused partner across diagnostics, service planning and connected equipment.

Vehicle Classes & Manufacturer Coverage

All makes shown below were listed in TEXA's U.S. live TRUCK coverage portal at the time of review.

Heavy & Medium Duty

AUTOCAR	CATERPILLAR	CHEVROLET
E-ONE	FODEN	FORD
FREIGHTLINER	GMC	HINO
INTERNATIONAL	ISUZU (North America)	IVECO
KENWORTH	MACK	MITSUBISHI FUSO
OSHKOSH	PETERBILT	PIERCE
SPARTAN	STERLING	TEREX
UD TRUCKS (Nissan Diesel)	VOLVO TRUCKS	WESTERN STAR

Light Trucks & Vans

CHEVROLET	DODGE	FORD	FREIGHTLINER
GMC	MERCEDES-BENZ	NISSAN	RAM

Buses & RVs

ALEXANDER DENNIS	ALLEGRO	BLUE BIRD
COBUS	FORD	MCI
MERCEDES-BENZ	NAVISTAR	NEW FLYER
PREVOST	TEMSA	THOMAS BUILT
VAN HOOL	VOLVO BUS	

What the Platform Can Diagnose

Coverage is organized by vehicle, system and ECU—giving technicians a whole-vehicle view instead of an engine-only scan.

SYSTEM AREA	REPRESENTATIVE COVERAGE
Powertrain	Engine management, fuel and injection, transmission, retarder, turbo/VGT, cooling and related control modules.
Emissions & Aftertreatment	DPF, SCR/DEF, EGR, sensors, dosing and regeneration-related systems and service functions.
Brake, Stability & Chassis	ABS/EBS, brake controls, stability systems, suspension, steering and chassis electronics where supported.
Body & Cab Electronics	Instrumentation, body controllers, lighting, climate/HVAC, comfort and other networked cab systems.
Driver Assistance	Front-camera and related ADAS diagnostics; static/dynamic calibration procedures require the applicable TEXA ADAS equipment.
Trailer Systems	Dedicated trailer brake and cooling-system groups in the full TRUCK coverage environment; trailer coverage is not included in the LIGHT package.
Bus & RV Systems	Multi-brand coverage across transit, coach, school bus and motorhome applications listed in the live catalog.
Powertrain Components	Dedicated catalog groups for brake and suspension systems, engines, and transmission/retarder applications.

Everyday Diagnostic Workflow

- **Identify the vehicle** — Automatic vehicle search and make/model/engine selection.
- **Scan the network** — TGS3s control-unit scan and topology/module mapping where available.
- **Find the fault** — Read/clear DTCs, view freeze-frame and live parameters, and open error help.
- **Prove the diagnosis** — Run bi-directional commands, component tests and comparative checks.
- **Complete the service** — Perform supported resets, coding, adjustments, calibrations and regens.
- **Document the result** — Create diagnostic reports that support estimates, approvals and repair records.

DIAGNOSTIC DEPTH

Core, Advanced & Guided Capabilities

TEXA combines scan-tool functions, service operations and technical information in the same IDC6 workflow.

CAPABILITY	WHAT IT ENABLES
Health checks	Automatic vehicle identification; complete ECU scan; DTC reading/clearing; network topology; adaptive reports.
Live data	Parameter lists, graphing and visual dashboards that present engineering values in an easier-to-read format.
Bi-directional tests	Cylinder cut-off, injector-related tests, actuator commands, compression tests and other component activations where supported.
Service functions	DPF forced regeneration, injector coding, service resets, speed-limiter and cruise-control settings, VGT calibration, idle-shutdown settings and more.
Programming & adjustments	Manufacturer-specific adjustments, coding and Pass-Thru access for OEM procedures when supported and properly subscribed.
Authenticated / protected access	IDC6 supports authenticated diagnosis and protected operations on applicable vehicle environments and OEM systems.
Remote diagnosis	eTRUCK can keep supported trucks, agricultural machines and construction equipment connected to the workshop for remote status checks, diagnosis, selected adjustments and proactive maintenance coordination.
ADAS support	Guided front-camera calibration for commercial vehicles when paired with the required TEXA calibration kit and targets.
Repair guidance	Interactive wiring diagrams, schematics, troubleshooting flowcharts, technical data sheets, repair procedures and component-test guides.
Knowledge resources	Solved problems, technical bulletins, mechanical data, code-linked information and error help sheets.
AI-assisted search	AI Global Search and AI Intelligent Diagnosis use TEXA-certified content to simplify information retrieval and troubleshooting paths.
Continuous updates	Subscription updates add applications and functions; IDC6 can install updates automatically during standby.

SHOP IMPACT Faster vehicle identification, fewer tool changes, guided testing and integrated repair information help reduce diagnostic guesswork and keep revenue-producing vehicles on the road.

TEXA eTRUCK: Remote Diagnostics for Uptime

eTRUCK connects supported commercial vehicles and equipment with the service operation—turning vehicle condition data into earlier decisions, remote assistance and better-planned maintenance.

Connected Capabilities

CAPABILITY	UPTIME VALUE
Remote vehicle status	Monitor supported vehicle condition from the workshop or fleet environment instead of waiting for the asset to arrive.
Remote diagnosis	Review faults and vehicle data remotely; supported workflows can help resolve issues sooner and avoid unnecessary workshop visits.
Electronic intervention	The workshop can perform supported electronic-system actions and adjustments remotely, including application-specific procedures.
Proactive maintenance	Track routine and extraordinary maintenance needs in advance so service can be planned around operating schedules.
Shared appointments	Coordinate maintenance appointments among the workshop, driver and fleet manager through a shared planner.
Fleet-level visibility	Review maintenance condition, service status and expirations across connected assets from the Fleet Manager Portal.
Driver information	Supported app features include real-time vehicle data, driving-style information, service calendars and market-specific driver checks.
Equipment reach	TEXA states that eTRUCK can be used on trucks, agricultural vehicles and construction vehicles, subject to current coverage.

UPTIME ADVANTAGE Remote triage can improve repair preparation, reduce avoidable travel and help move maintenance from an emergency response to a scheduled operating decision.

A Connected Fleet Uptime Workflow

Security Solutions positions TEXA telematics as an operating workflow: detect, understand, coordinate and repair—with the vehicle, fleet and service team working from shared information.

Connected Service Sequence

STAGE	ACTION & OPERATING VALUE
1. Monitor	Use connected vehicle status and maintenance information to maintain visibility across supported assets.
2. Detect	Identify fault conditions, maintenance deadlines or developing service needs before they create a larger disruption.
3. Triage remotely	Review diagnostic information and determine whether the asset can continue operating, needs remote action or requires a shop visit.
4. Plan the event	Coordinate timing, technician, tooling, parts and appointment details before the equipment is taken out of service.
5. Repair and verify	Complete the repair with IDC6 diagnostics, run supported tests and service functions, then document the result.

Fleet, Enterprise & Equipment Technology

- **Fleet coordination** — Fleet managers can review maintenance condition and deadlines, share appointments and obtain remote workshop support on covered assets.
- **API and SDK options** — TEXA promotes remote-diagnostics APIs, eTRUCK SDK capabilities, customized fleet reporting and telematics integrations using eTRUCK with MK3/MK5 solutions.
- **Equipment-system diagnostics** — TEXA OFF-HIGHWAY packages support diagnosis of advanced systems such as telematics, GPS control and selected autonomous-driving functions on compatible agricultural and construction equipment.
- **One uptime ecosystem** — TEXA diagnostic software, vehicle interfaces, rugged tablets, repair information and connected services can support both in-shop diagnosis and remote fleet workflows.

SECURITY SOLUTIONS FOCUS Commercial equipment uptime supported by practical fleet technology—from remote vehicle awareness to technician-ready repair execution.

TXT MULTIHUB 2 & Tablet Options

A rugged multi-environment interface built to communicate with both legacy commercial vehicles and newer network architectures.

TXT MULTIHUB 2 Highlights

- **Five environments** — Supports TEXA CAR, TRUCK, OFF-HIGHWAY, BIKE/powersports and MARINE software environments.
- **Modern communications** — Wi-Fi and Ethernet for DoIP, USB for all diagnostic modes including Pass-Thru, and Bluetooth for conventional diagnosis.
- **Protocol breadth** — RP1210, J1939, J1708, CAN/CAN FD, DoIP, SAE J2534, J1850, K/L-line and other supported vehicle protocols.
- **Rugged construction** — IP53 protection with caps closed, reinforced anti-shock corners and MIL-STD 810G transit-drop compliance.
- **On-tool status** — Built-in display shows connection mode, operating status and vehicle battery voltage during diagnostic work.
- **Flexible power** — Operates from 12- or 24-volt vehicle systems using the applicable diagnostic cable.

Professional Tablet Choices

PLATFORM	BEST FIT	KEY POINTS
AXONE NEMO LIGHT	Entry point for core on-road diagnostics	Streamlined hardware/software package. Trailer coverage is excluded from the LIGHT TRUCK package.
AXONE NEMO PLUS	Professional shops and mobile service	11.6-inch Windows 11 IoT tablet, 16 GB DDR5, 250 GB SSD, rugged magnesium construction; supports adding up to three TEXA environments.
AXONE VOICE	Maximum capability and expansion	13.3-inch high-resolution display, Intel i5, 16 GB RAM, fanless rugged design; other TEXA environments can be added.
WINDOWS PC + VCI	Shops standardizing on existing computers	TXT MULTIHUB 2 can communicate with a compatible Windows PC; verify current IDC6 system requirements before purchase.

Official TEXA Sources

[Live Diagnostic Coverage Portal](#) | [Diagnostic Coverage Portal](#) | [IDC6 Software Overview](#) | [eTRUCK Remote Diagnostics](#) | [TEXA Diagnostic Services API/SDK](#) | [AXONE NEMO PLUS OFF-HIGHWAY](#) | [TXT MULTIHUB 2](#) | [IDC6 Software Overview](#) | [AXONE NEMO PLUS TRUCK](#) | [TXT MULTIHUB 2](#) | [AXONE NEMO LIGHT TRUCK](#) | [Deluxe Fleet Package](#)

texausa.com/products/etruck/ • texa.com/texa-diagnostic-services-tmc-exhibition/ • texausa.com/products/plusohwmh2/

Coverage, remote functions, portal features and telematics data are application-specific and may depend on vehicle, region, adapter, connectivity, software release, subscription and configuration. Confirm current TEXA coverage and service availability for each intended fleet or equipment application.