



SCANIA DIGITAL ECOSYSTEM AND SMART DASH

# BE STREET SMART



**SCANIA**

# STREET SMART REVOLUTION

Scania's decades long tradition of harnessing smart technology is taking a revolutionary leap forward. Powered by the premium Smart Dash digital dashboard, working seamlessly with new high-performance computing and communications technology, this is the Scania Street Smart revolution.

We are harnessing the power of digital to make your future driving experience smarter, safer, simpler, and more intuitive. This includes advanced safety features and remote diagnostics, to new connected maps and customisable digital services that leverage real vehicle data. Built on a high-performance technology platform with over-the-air remote software update capabilities, our vehicles are ready to adapt to new advanced services and use cases as they develop.

We call this the Scania Street Smart revolution, and you're in the driving seat.



## YOUR ROAD AHEAD CONNECTED

All new Scania vehicles are equipped with our next generation intelligence and safety features. Here's what that means for your operations:

### Smart Dash Interface

Makes it easier than ever for drivers to interact with their vehicle and receive support, guiding them to the right decision at the right time. My Scania and Scania Driver app integration keeps the driver, vehicle and fleet manager in sync.

### Customisable digital services

New high-performance computing platform, state of the art telematic unit and sensor platforms collect vehicle data to be harnessed in tailored insights and services. Helps maximise uptime and profit, and informs a data-driven approach to running your fleet.

### Advanced safety features

Our sensor platform enables new safety features that give you more control and keep pedestrians, cyclists and other road users safer. It's prepared for today's and coming safety and cyber security regulations and includes features such as Driver Attention Support, Speed Sign Information, and Vulnerable Road User Detection.

### Fast and remote diagnostics

Scania Smart Dash enables Wi-Fi and Bluetooth servicing capabilities for easier and faster diagnostics across our workshops. Together with Scania remote diagnostics, this makes your fleet availability more predictable with minimal downtime.

### Scania Navigation app

Our new Scania Navigation app collects and crunches data on location and traffic information to keep the driver and fleet manager informed about their route in real time. The new connected maps enable improved navigation, Control Cruise with Active Prediction and Speed Sign Information – plus much more.

### Ready for tomorrow

Over-the-air remote software updates ensure your vehicle's software stays up to date and allows you to activate new services without visiting a workshop. Regular security updates protect your fleet against cybersecurity threats.



# YOUR WINDOW INTO THE FUTURE

The Smart Dash is our new central hub for an enhanced, next generation driving experience. Providing seamless integration with all other touchpoints in the Scania digital ecosystem, it is designed to empower drivers with valuable insight to help them drive in an informed, efficient and safe manner.

### Illuminating your journey

The Scania Navigation app is developed specifically for heavy transport operators to give drivers route guidance and recommendations based on road bound truck restrictions.

This includes local restrictions due to length, height or axle load limitations, such as specific roads, low tunnels and bridges with limited weight capacity.

Updated traffic events information will support drivers for route optimization, while voice control makes route planning easier and safer.

#### Scania Navigation app quick facts

- Consists of software, software APIs and connected map data
- Possible to enable services such as enhanced Scania Zone, Speed Sign Information, traffic information, and fuel-saving function.

### Integrations with a wide range of functions including:

- Advanced voice control
- Premium infotainment (improved radio & media playback)
- Driver safety support
- Apple CarPlay\* and Android Auto™\*\*
- Scania Navigation app
- Improved hands-free calls
- Quick apps
- Flexible bodybuilder integration
- Improved cameras support
  - Option to present complementary driver information on two screens

\*Apple CarPlay is a trademark of Apple Inc., registered in the U.S. and other countries.  
\*\*Android Auto is a trademark of Google LLC.





CONNECTED DRIVING EXPERIENCE

# THE SCANIA DIGITAL ECOSYSTEM

Scania's vehicles are not only smarter than ever, they're also more interconnected than ever before. From My Scania and the Scania Driver app, to the vehicle brain itself and everything in between: all elements of the Scania digital ecosystem work in harmony to share data-driven insights that empower your operation for maximum performance both now and in the future.

## Connected Driving Benefits

From day one your new Scania vehicle will be seamlessly integrated into the enhanced Scania digital ecosystem, further empowering both drivers and fleet managers in a number of ways.

## Unified Scania ecosystem

A unified digital ecosystem for your Scania products and services that can be fully personalised according to your business needs and role.

## Tailored services view

Ability to view tailored services through vehicle Smart Dash as well as My Scania and Scania Driver app.

## Rapid data sharing

Seamless flow of data between desktop and mobile applications. Includes rapid data sharing with My Scania, our platform for fleet management services, and the Scania Driver app, which delivers all the information needed for your drivers to have a smooth, safe trip.

## Connected Driving Benefits\*

As an innovation platform for future fleet, vehicle and driver needs, the Scania Smart Dash and Scania Digital Ecosystem will also be the key enablers of new digital services as they develop.

## Remote functionalities\*

The possibilities to harness remote functionalities is expected to expand to include remote locking, unlocking and engine shutdown through the app, as well as remote light checks or other daily checks.

## Fine-tuning capabilities\*

Predictive maintenance possibilities will expand to harness the power of AI, while third-party transport optimisation app support will also be added.

## Dynamic adjustments and updates\*

Dynamic implementation of customer-specific functionalities, updates of performance modes, and localisation of parameter settings (such as speed or suspension) will further streamline the customisation of your vehicle according to your operational requirements. Maps and heavy vehicle navigation features will also be continuously updated.

## Bodybuilder integrations\*

Bodybuilder integrations will expand to include adapting the engine software to bodybuilder needs of PTO torque and speed remote control, as well as an overall enhanced driver interaction with bodybuilder functionalities.

## Electric vehicle support\*

As electric vehicles increasingly become the standard, integration of charging services for battery electric vehicles will be added, such as charge monitoring and range support.

\*These functionalities will be available in future releases



## Your innovation platform for future vehicle services

As an innovation platform for future fleet, vehicle and driver needs, the Scania Smart Dash and Scania Digital Ecosystem will be the key enablers of new digital services as they develop, such as charging services for battery electric vehicles, departure scheduling, charge monitoring, range support, V2X services and more.

Other future digital services expected in coming years include:

- Improved AI-based predictive maintenance
- Continuously updated maps and improved navigation for heavy vehicles
- Dynamically localised parameter settings (e.g., speed, engine, axle, suspension etc.)
- Enhanced driver interaction with body builder functionalities
- Remote locking, unlocking and engine shutdown through the app
- Dynamically updated performance modes
- Dynamic implementation of customer-specific functionalities
- Third-party apps support integration for transport optimisation
- Remote light checks or other daily checks through the app
- Adapting engine software to bodybuilder needs of PTO torque and speed remote control



## My Scania

My Scania gives you access to your favourite Scania services in one place, from fleet management services to Scania Finance. Your dashboard can be tailored for the ultimate personal experience, including local services developed in-house at Scania as well as third-party apps.

Services available in My Scania include:

- Driver evaluation
- Service planning
- Tachograph services
- Fleet positioning
- Vehicle performance
- Scania configurator
- Environmental report
- Monitoring report



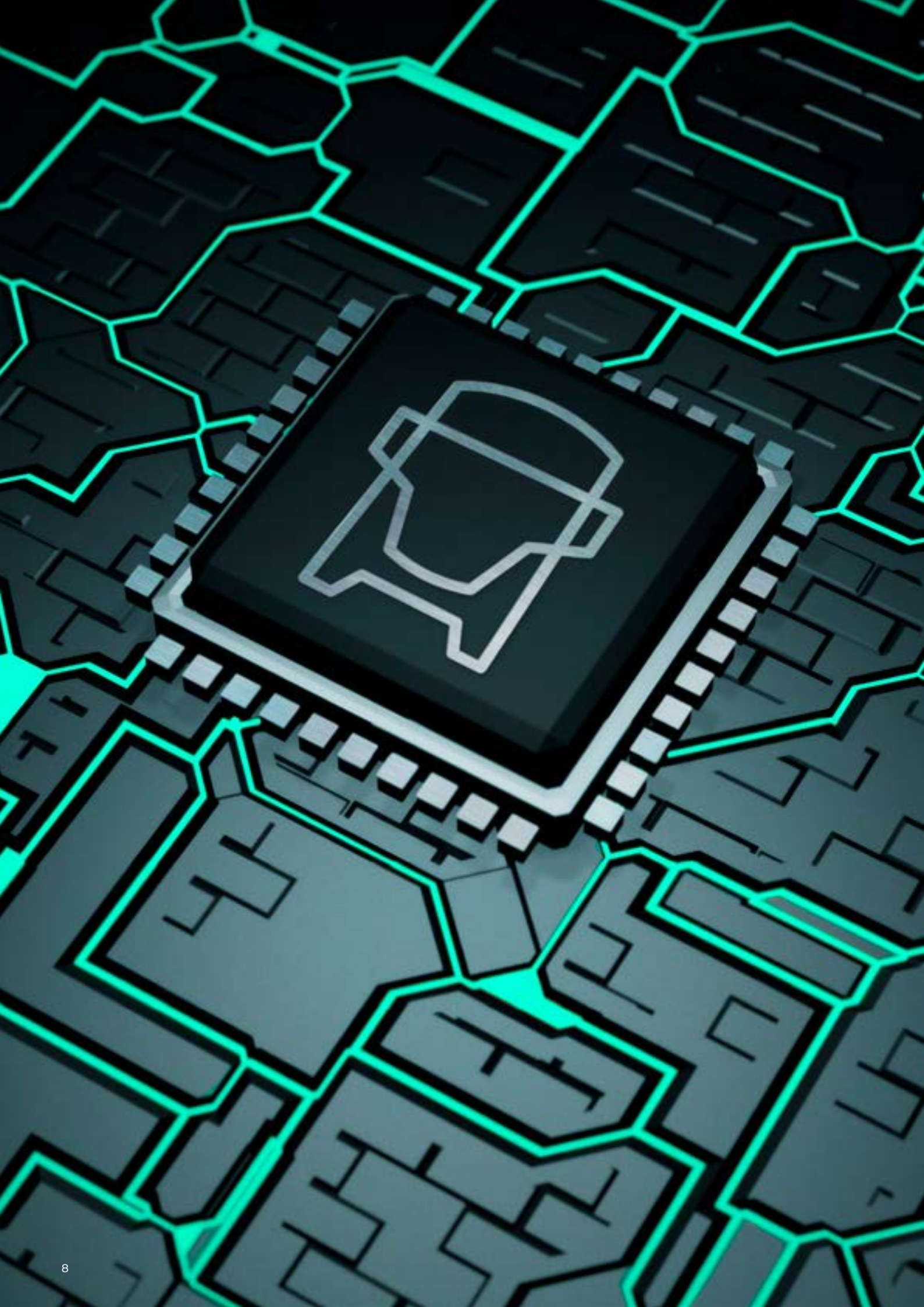
## Scania Driver app

The Scania Driver app for iOS or Android gives your drivers access to all the information that they need for a smooth and safe trip directly on their mobile phone.

Available services include:

- Check before drive
- Driver evaluation
- Vehicle core data (for all powertrains)
- Remote heater start/stop
- My drive time (enabling you to plan upcoming trips)
- PINS functionality
- BEV basic info
- Find a workshop
- Scania assistance
- Defect reporting
- Scheduled service booking





SMARTER

# NOT YOUR AVERAGE VEHICLE

Our new Electrical System Architecture is a technology platform packed with cutting-edge components that combine to make the smartest Scania vehicles ever.

### Next Generation Electrical System

A high-performance computing system which handles vast amounts of data and powers communication between vehicle components. Unlocks faster diagnostics, stronger cybersecurity and the foundation for future additional functions as they are developed.

**Quick fact**

- Improved diagnostic interface through DoIP (diagnostics over IP) and Ethernet communication
- Future architecture evolution enabled through additional Controller Area Network interfaces.

### C400 Telematic Unit

A faster 4G and 5G-ready modem provides excellent connectivity for diagnostics and workshop interaction, and a foundation for future advanced use cases including developments in autonomous vehicle technology.

**Quick fact**

- Introduces Ethernet HPC (High Performance Computing) architecture, in addition to improved Controller Area Network (CAN)
- Enables enhanced cybersecurity, over-the-air (OTA) connectivity
- Workshop connections and (remote) diagnostics available
- Wi-Fi, Bluetooth, and high precision GPS optional

### Over-the-air (OTA) remote software updates

Keeps your Scania vehicle up to date with latest software and security generations without the need to visit a workshop, reducing downtime and simplifying logistics.

### New sensor platform

Scania's new sensor platform combines short-range radars, updated distance sensor and leading camera technologies to help you drive safely. Vulnerable road user detection, collision warnings, tyre pressure monitoring, an alcolock installation point and more ensure compliance with both today's and tomorrow's safety regulations.



# SAFER THAN EVER

Featuring the latest in safety technology, all new Scania vehicles comply with both the EU General Safety Regulation and UN cyber-security regulation. Our new vehicles are your extended eyes and ears on the road:

**Collision and road user warnings**

Powered by sensors and cameras at the side, front and rear of the vehicle. Detects or alerts driver to possible collisions with both objects and other road users, including in blind-spots.

**Driver alertness support**

Driver alertness support function issues acoustic and visual warnings in the event of low driver attention level, based on elements such as lane-keeping, steering movements, tachograph data, and time of the day.

**High level cyber security**

In a world where cyberattacks are continuously on the rise, it is more important than ever to protect your fleet from digital vulnerabilities. Delivering the latest over-the-air software updates in a safe manner ensures your Scania vehicle is well defended in a constantly changing cyber threat landscape.

SMART DASH FEATURES

Advanced Driver Assistance Systems (EU Safety Regulation Compliant)	Existing	Updated	New
Emergency Brake Indication			
Alcolock prep			
Vulnerable Road User Collision Warning – side			
Vulnerable Road User Collision Warning – front			
Vulnerable Road User Detection – rear			
Driver Attention Support			
Tyre Pressure Monitoring			
Speed Sign Information			

Existing feautures

Updated features

New features

BSIS – Blind Spot Information System

VRU CWS – Vulnerable Road User Collision Warning – Side

DDAW – Driver Drowsiness and Attention Warning

Driver Attention Support

ISA – Intelligent Speed Assistance

SSI – Speed Sign Information

ALC – Alcohol Interlock Installation Facilitation

Alcolock prep

ESS – Emergency Stop Signal

Emergency Brake Indication

REIS – Reversing Information System

VRU REV – Vulnerable Road User Detection – Rear

TPMS – Tyre Pressure Monitoring System

TPM – Tyre Pressure Monitoring

MOIS – Moving Off Information System

VRU CWF – Vulnerable Road UserCollision Warning – Front



