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Vertical Strategy Manager

Connectivity on the go

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THE CONNECTED WORKER- Through Vehicle Technology
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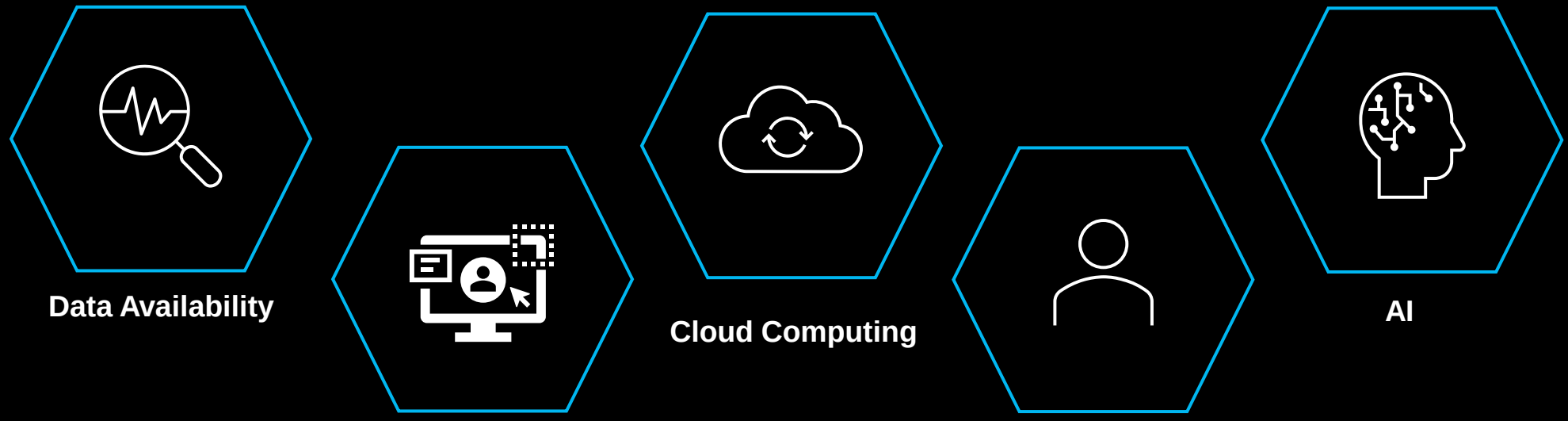
Technology is driving change…



Our customers requirements to connect their workforces are evolving…

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What challenges are faced?

Security

User Acceptance

Reliability

Cost

Resource

Mobility is complex, we must find the right balance in order to introduce technology safely, reliably and effectively…

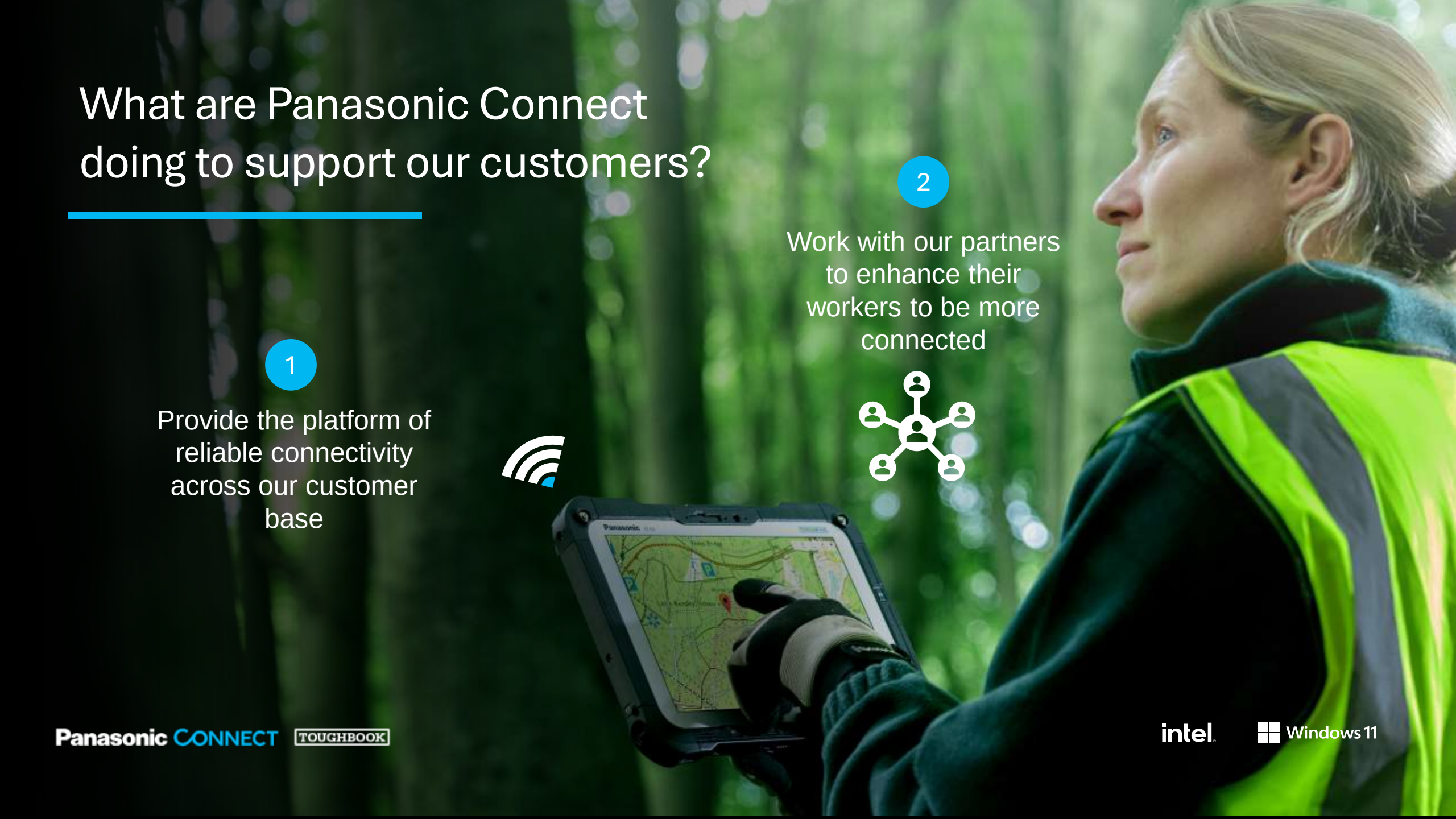
What are Panasonic Connect doing to support our customers?

1

Provide the platform of reliable connectivity across our customer base

2

Work with our partners to enhance their workers to be more connected



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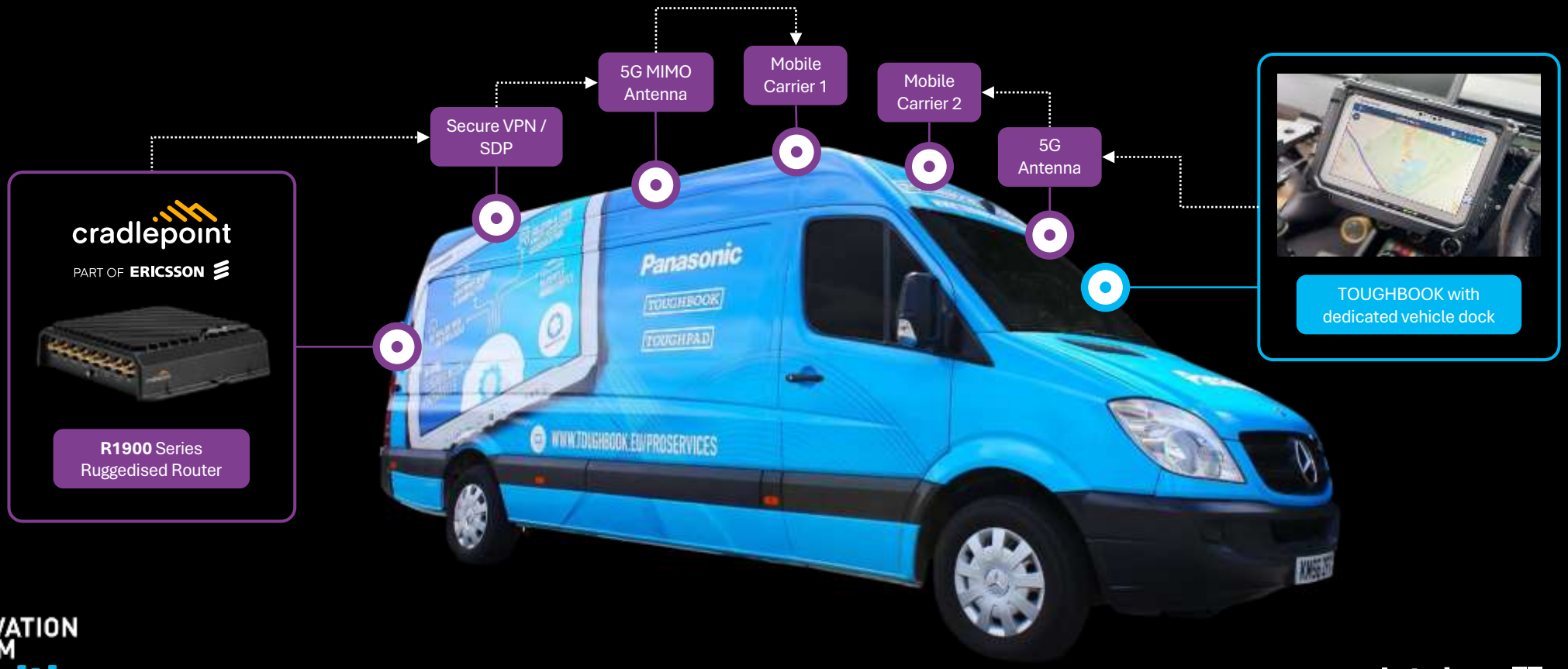
1

The Connected Vehicle

Provide the platform of reliable connectivity across our customer base



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In Vehicle Connectivity- Router Solution

4G/5G Options

Dual Modem Options

30m Wifi Range

Roof mounted Antennae

Ignition Timer

Cloud Management

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Benefits- Why Cradlepoint?

NetCloud MANAGER

- Network Prioritisation
- Application Traffic Steering
- Connectivity Mapping
- Zero Trust Network
- Third Party Integrations

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Router Selection and Provisioning

- Router Supply
- Pre Deployment Provisioning
- SIM Install
- Asset Tagging

Router Management

- OTA Updates
- Firmware Management
- User Grouping
- Remote Diagnostics

Periphery Equipment

- Antennae
- Ignition timer
- Power Management

Rapid Replacement Service

- Buffer stock management
- Next day swap service

Vehicle Installation

- Vehicle Survey
- Installation work instructions
- In-field Installation

Secondary Roaming SIM

- Network provision
- Network prioritisation

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Connected Vehicle- MaaS Bundle

Router Selection and Provisioning **Dual Modem**	**Router Management** **5 Years Support**	**Periphery Equipment** **5G MIMO Antennae**	**Vehicle Installation**	**Rapid Replacement Service** **5 Years Buffer Stock Management**
Secondary Roaming SIM **6GB Per Month**	60 EUR PER MONTH PER USER			

The Connected Worker
Users need access to critical information while on the move.

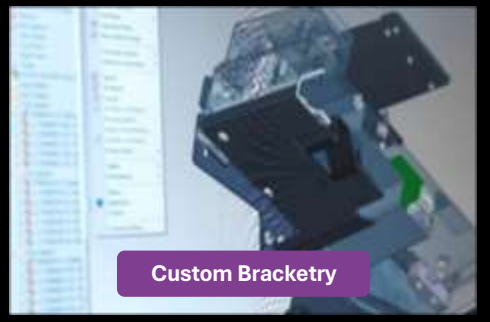
2

Work with our partners to enhance their workers to be more connected

Panasonic Vehicle Integration

For all vehicle installations, we provide:

1. Solution consultancy based on use case, vehicle and customer type
2. Full vehicle integration design service, including custom bracketry
3. Representative demo installations
4. Coordination and training of installation partners, as required
5. TOUGHBOOK approval for all solution elements
6. Stress analysis and full vehicle safety testing



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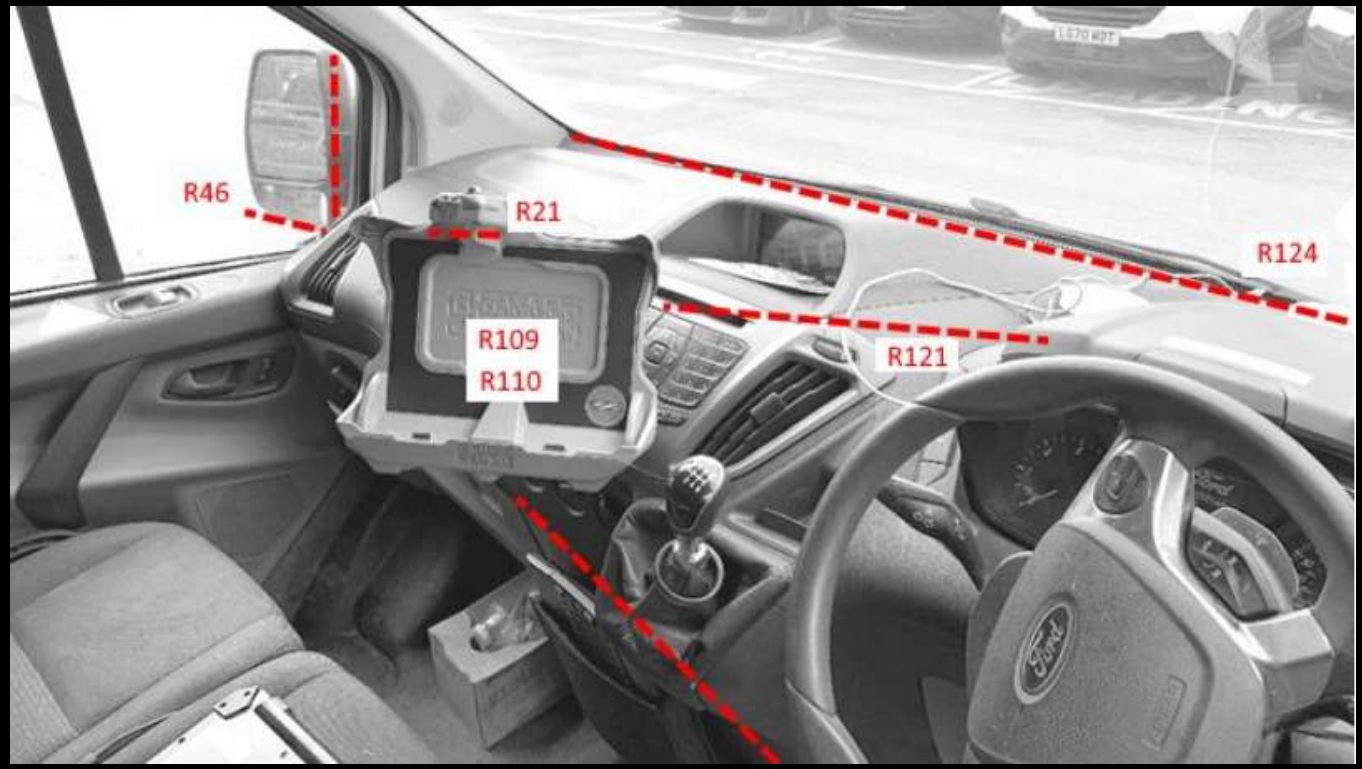
Best Practice and Relevant Standards

- Panasonic have developed and apply industry best practices to vehicle equipment design, installation, and reinstallation.
- Panasonic work closely with MIRA for compliance with relevant safety requirements
- Products are specially selected and/or designed for the vehicle environment using automotive standards where possible, or Panasonic internal design standards where no relevant automotive standard exists.



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Department of Health & Social Care

Panasonic have partnered with the Department of Health and a consortium of solution providers to deliver an all-encompassing integrated vehicle solution.

9,000	13	2	6	24
Custom Vehicle Solutions Delivered	Ambulance Trusts Partnered With	Custom Dock Variations	Months from Solution Concept to Delivery	Month National Roll-Out Schedule

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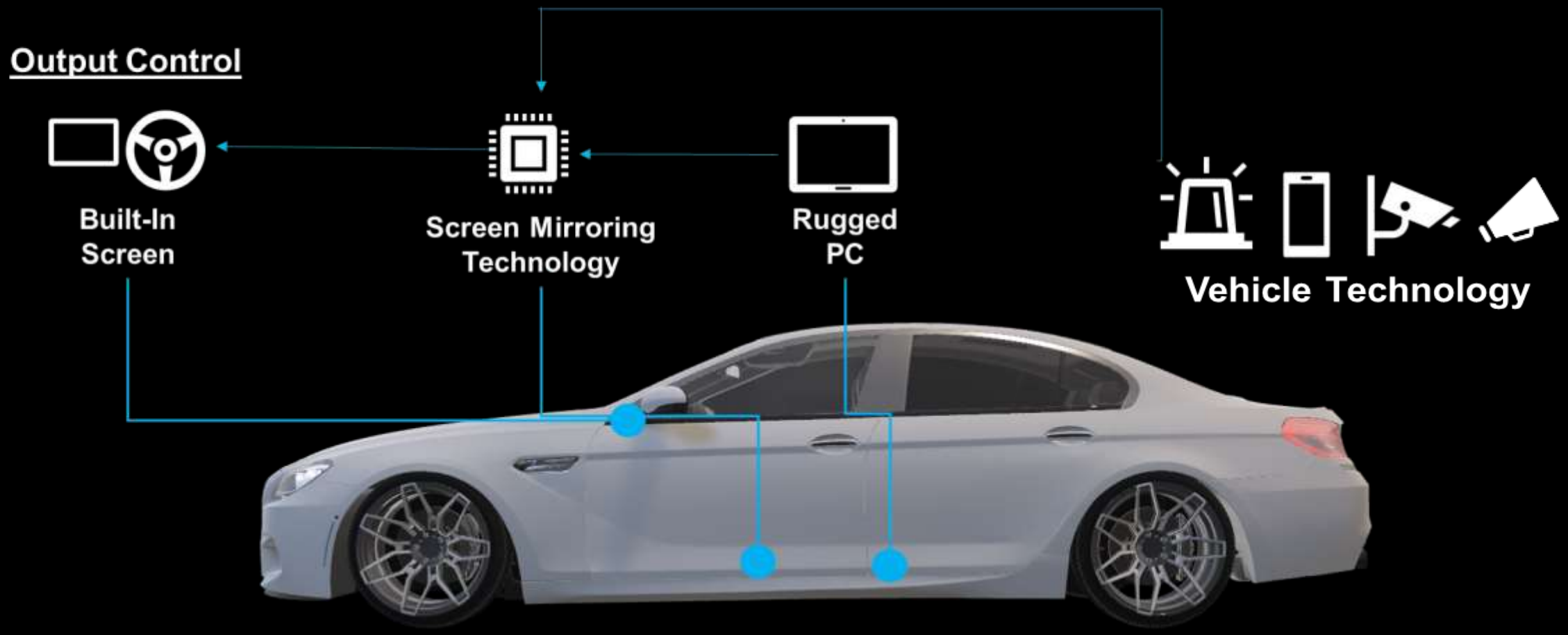
What does the future of In-Vehicle Integration look like?

THE SET-UP



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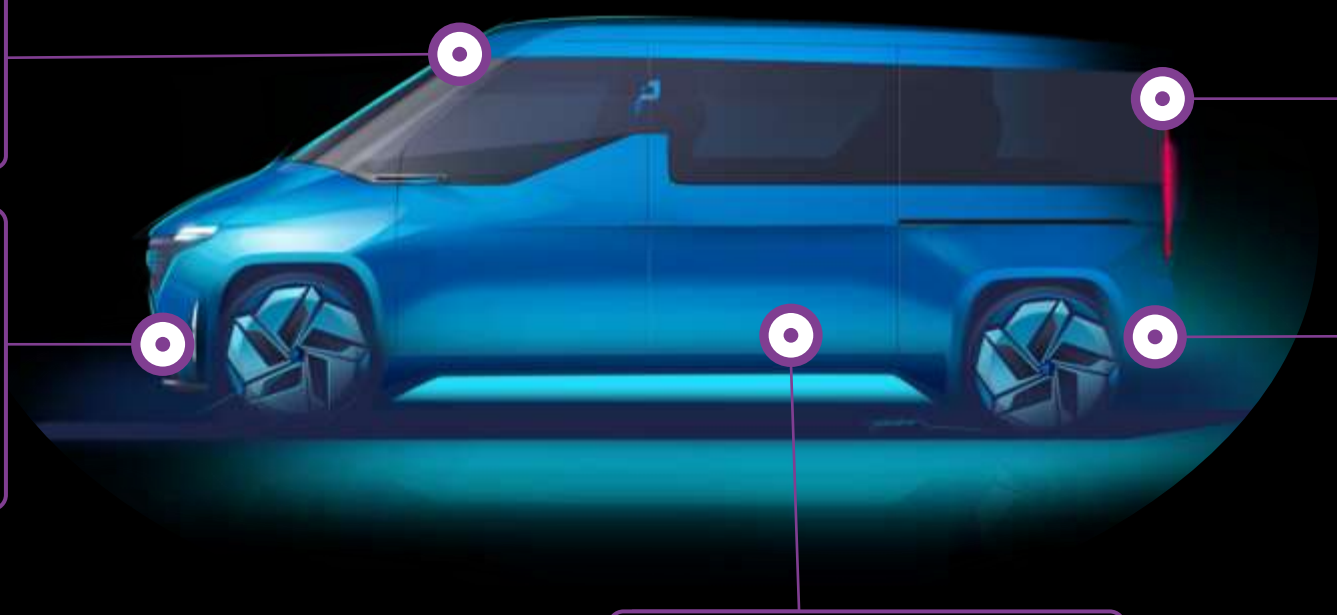
Screen Mirroring

Job Dispatch/Acceptance
The in-vehicle solution must give the user the ability to accept/reject jobs whilst sitting in the driver seat

Incident Control
Users must have the ability to centrally control incident management, view specific information and communicate with their teams effectively



Route Navigation
The TOUGHBOOK has typically been used for Sat Nav so the new system must display this in an efficient manner

Job Information
Any system that can proactively communicate job information whilst the user is driving to job will improve efficiency. This must be in a compliant way

Vehicle Equipment Control
Users require the ability to control other crticical equipment from the OEM dispay such as light bars, sirens and radio communications

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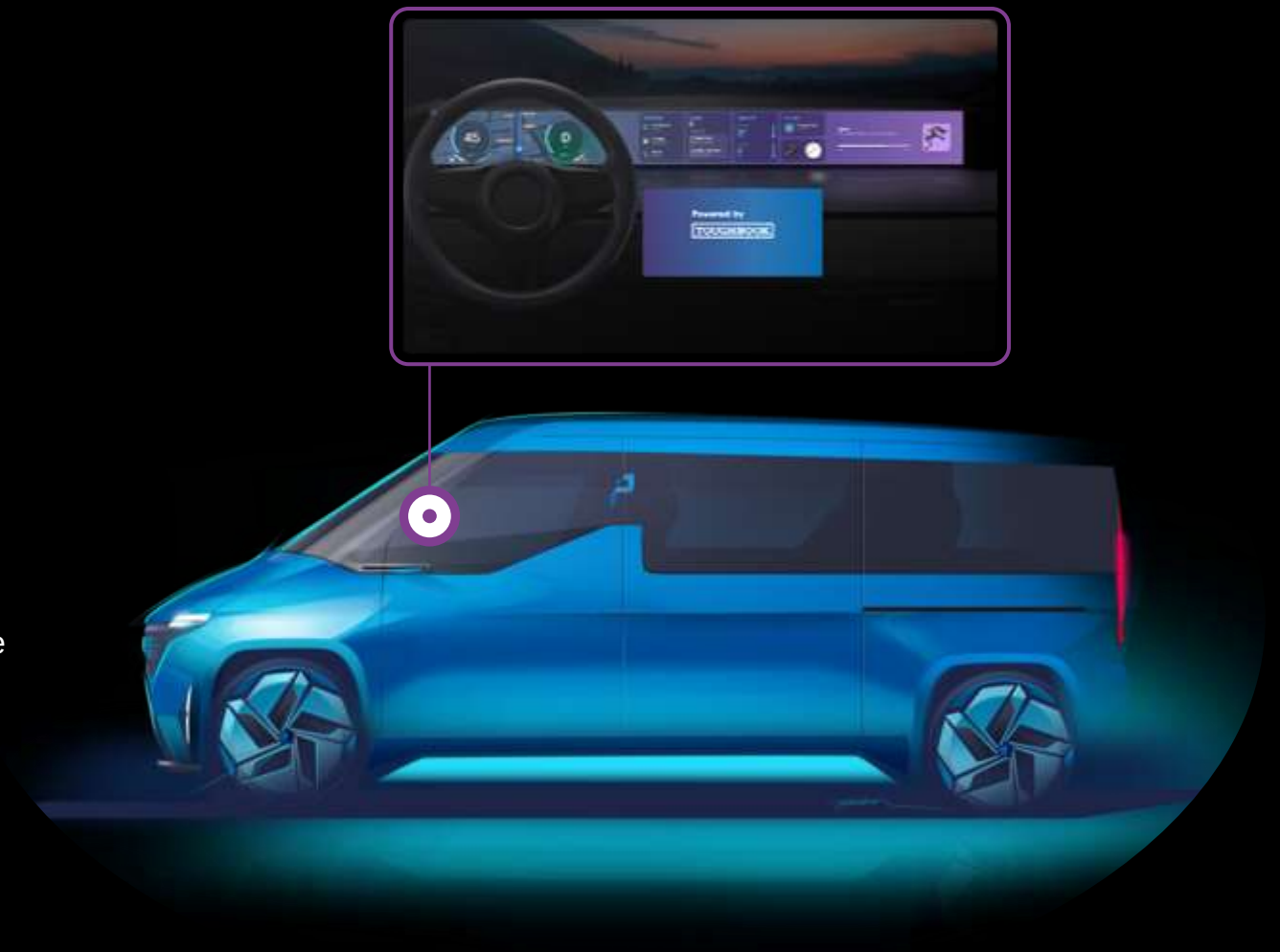
Benefits- Why VNC Automotive?

Space-efficient in-vehicle mounting
Mounting of the TOUGHBOOK in the back of the vehicle while ensuring continued access to key TOUGHBOOK functionalities allows for more available space in the front of the vehicle

Compliant in-vehicle use of digital functionalities
Integration of the TOUGHBOOK with the in-vehicle OEM display allows the field worker to receive jobs, accept/reject jobs, view vital job information and gain access to application-based satellite navigation

Reduced complexity with installation and maintenance
Safety regulation-compliant design and installation of all required components into your vehicles, while supporting you with the maintenance of the solution along the lifecycle

Ability to create second screen
Whilst the current TOUGHBOOK device can remain docked in the front of the vehicle, the OEM display can be used to display more critical information to support the user



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Please speak with us to help support a better-connected worker

Thank You

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