WHAT IS SWS?

SCANIA

# WHAT IS SWS?

SWS OVERALL GOALS

Contribute to a workshop that provides improvement for both Scania and the customer

- IT IS EASY TO DO THE RIGHT THING - INCREASED WORKSHOP EFFICIENCY

  – One single application – Scania Workshop Suite (SWS).

  – First class task oriented information when you need it.

  – Flow-optimised support for workshop production and integration with workshop management tools.

  – Replaces Multi and SDP3.

  – The only way for a workshop to connect to a vehicle with a cybersecure electrical system.

STEP BY STEP IMPLEMENTATION

Scania Workshop Suite Program

MAINTENANCE

TROUBLE SHOOTING

REPAIR

SPARE PARTS

PRODUCT ADAPTATIONS
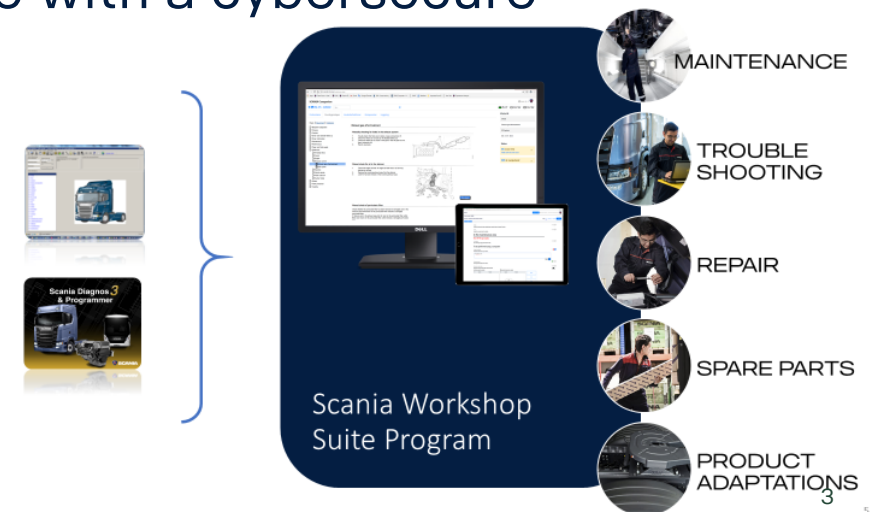
WHY SWS?

SWS improves efficiency in the workshop

- Improves the coordination between information and functions that are needed to do a complete job.

- Unique integration with Digital Dealer to improve workshop planning, administration and billing preparation.

- The only way to connect to and update Scania cybersecure products.

- SWS is UNECE certified.

WHAT IS SWS? - REQUIREMENTS

VCI

Remote Box

USB key

Internet
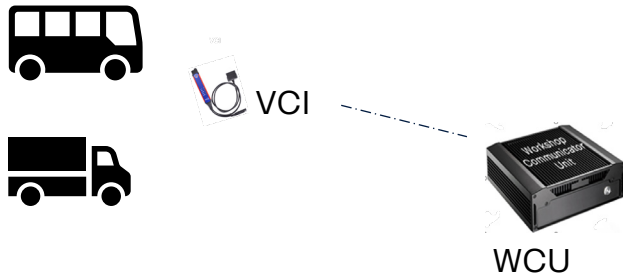
WCU, communication unit installed in the workshop

Tablet or computer

USB key
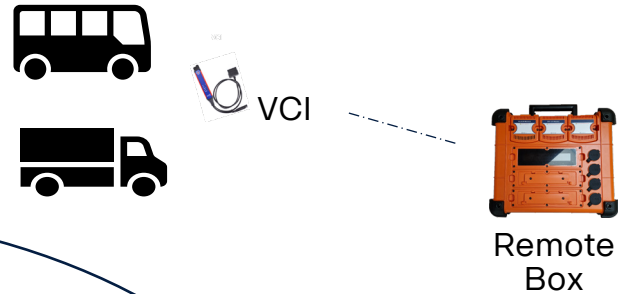
Internet, Wi-Fi

WHAT IS SWS? — VARIOUS USE CASES

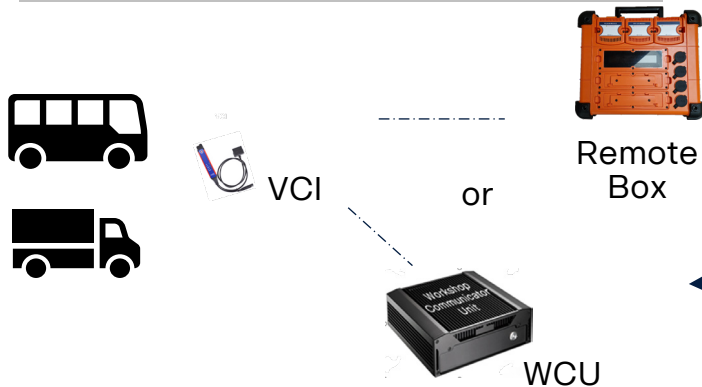**Scenario 1:** Maintenance in the Scania workshop

VCI

WCU

Scenario 2: Troubleshooting vehicles and during test drives

VCI

Remote Box

Scenario 3: Maintenance in customer workshop or at a different partner

VCI

or

Remote Box

WCU

SWS cloud
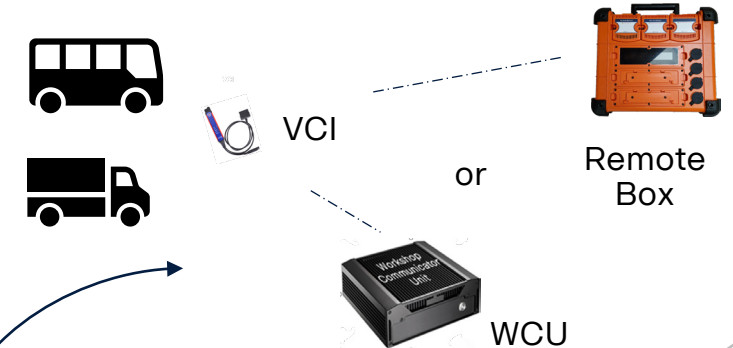
Scenario 5: Adaptation of vehicles to bodywork on bodybuilder premises

VCI

or

Remote Box

WCU

Scenario 4: Troubleshooting vehicles or machines out in the field

VCI

Remote Box
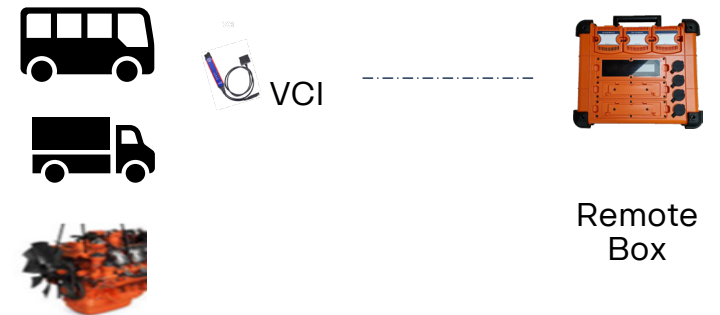
WHAT IS SWS? – WORKSHOP COMMUNICATOR UNIT (WCU)

- WCU is a local communication unit that connects the workshop VCI units to SWS cloud service.

- At least one WCU is necessary to be able to use SWS. We still recommend having 2 WCUs per workshop.

- Currently, one single WCU can manage multiple VCI units at the same time.

- A USB key is required for the WCU to be able to connect to a vehicle using VCI.

- WCU is a leased tool.

USB key

WHAT IS SWS? - VCI

- A Vehicle Communication Interface (VCI) is connected to the vehicle and connects via a wireless network with WCU and SWS.

- The next generation of VCI has an improved wireless network interface.

- Only VC14 is able to communicate with the new cybersecure vehicles/powertrains.

- VCI4 can also be used for trucks in the L, P, G, R and S series without a cybersecure electrical system, and for buses in the C and K series without cybersecure electrical systems.

- VCI3 can be used for trucks in the P, G, R and T series and L, P, G, R and S series without cybersecure electrical systems, as well as from buses in the F, K and N series and C and K series without cybersecure electrical systems.

WHAT IS SWS? — REMOTE BOX

- Remote Box is mainly intended to perform jobs in SWS outside of the workshops.

- It can be considered a portable WCU with additional communication capability.

- Remote Box is a specially designed built-in computer without a normal monitor.

- Wi-Fi module and telecom module are standard fittings.

- 3 USB ports, of which 1 is used by the USB key. There is also an Ethernet port.

- The Remote Box can also be used as a temporary backup for the WCU in special cases.

- There is an Internet sharing option and it can connect with to up to 8 devices via Wi-Fi.

- A physical licence dongle is required.

- Remote Box is a leased tool.

SWS
SCANIA WORKSHOP SUITE

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