



ISIS Server



– Functionality

- Backbone of the BMW Workshop System
- Storage of Diagnostic and Programming Data
- Contains 1 Diagnostic server and 1 reprogramming server



ITOOOLs

Integrated Communication Optical Module ICOM.



– Functionality

- ICOM A: OBD Interface
- ICOM B: MOST bus extension for ICOM A
- ICOM C: Interface adapter for older vehicles





ITOOOLs

Integrated Service Information Display ISID.



– Functionality

- Run Vehicle Diagnostics
- View Technical Information
- View Wire Diagrams
- Initiate Programming Routines





ITOOOLS

Integrated Service Access Point ISAP.



– Functionality

- W-LAN 802.11n
- Range 90 – 240ft.
- Administered through ISIS
- Provides wireless communication between ITOOOLS and ISIS





ITOOLS

Integrated Measurement Interface Box IMIB.



– Functionality

- Digital multimeter
- Oscilloscope
- Pressure measurement
- Current measurement
- Temperature measurement





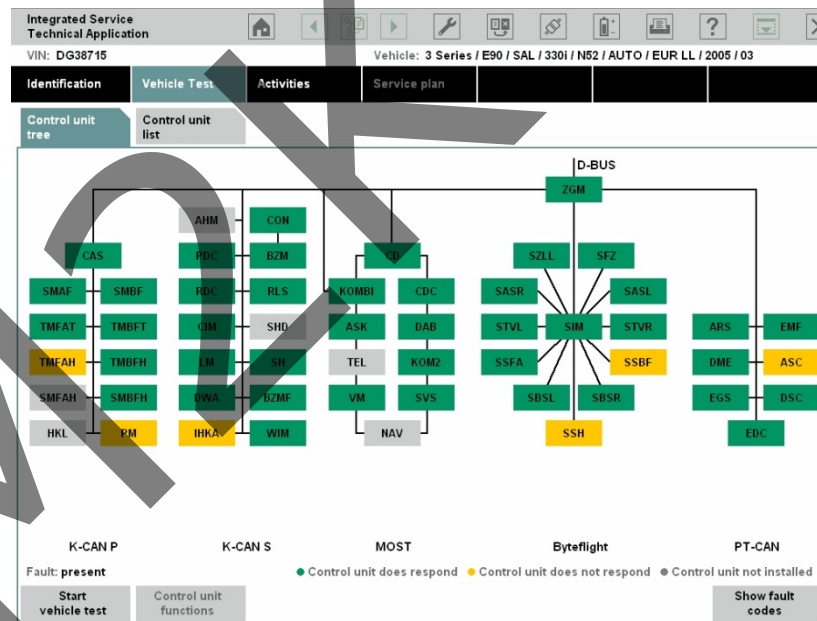
ISTA

Integrated Service Technical Application



- Functionality

- Technical Information
- Vehicle Diagnosis
- Measurements





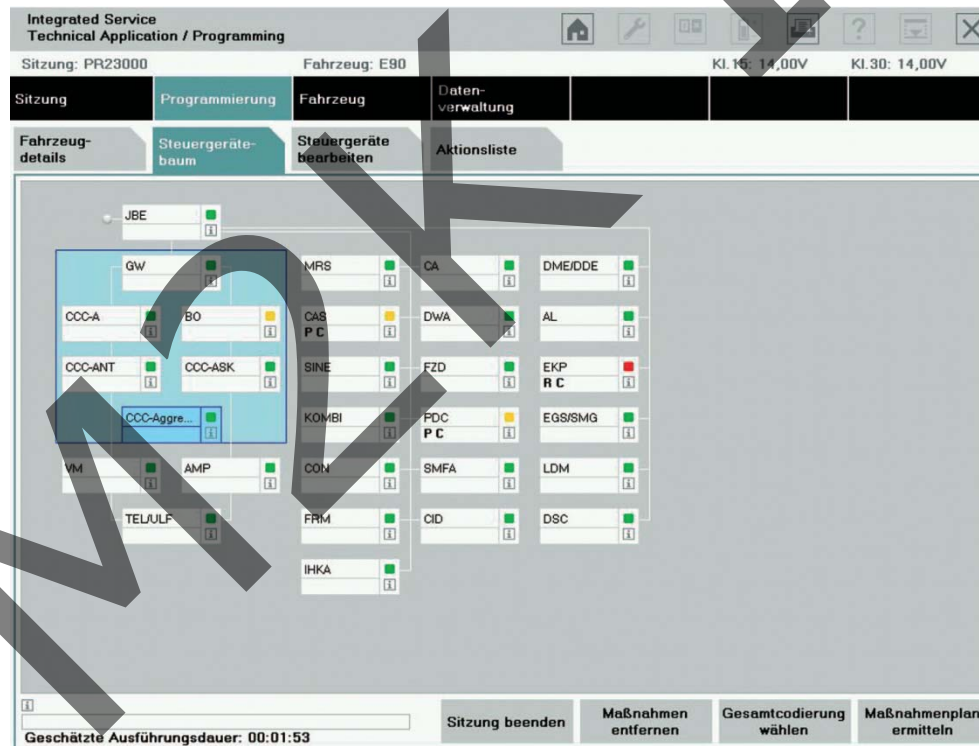
ITOOOLS

ISTA/P



– Functionality

- Vehicle programming and coding



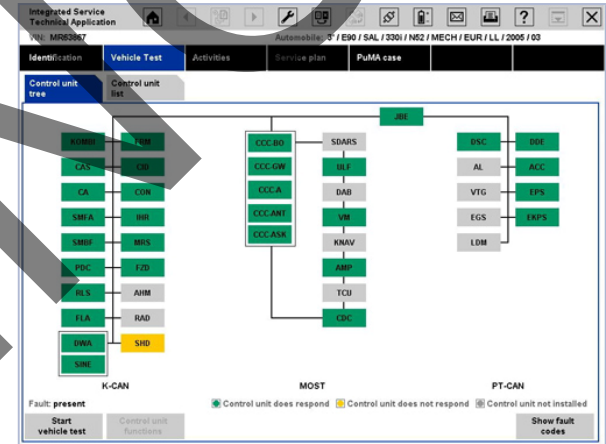


Online Service System (OSS) Software



– ISTA Online Client

- Diagnosis
- Wire Diagrams
- Repair Manuals



– ISTA/P Online Client

- Module Programming
- Retrofit Equipment Coding
- Module Initializations





Online Service System (OSS) Hardware



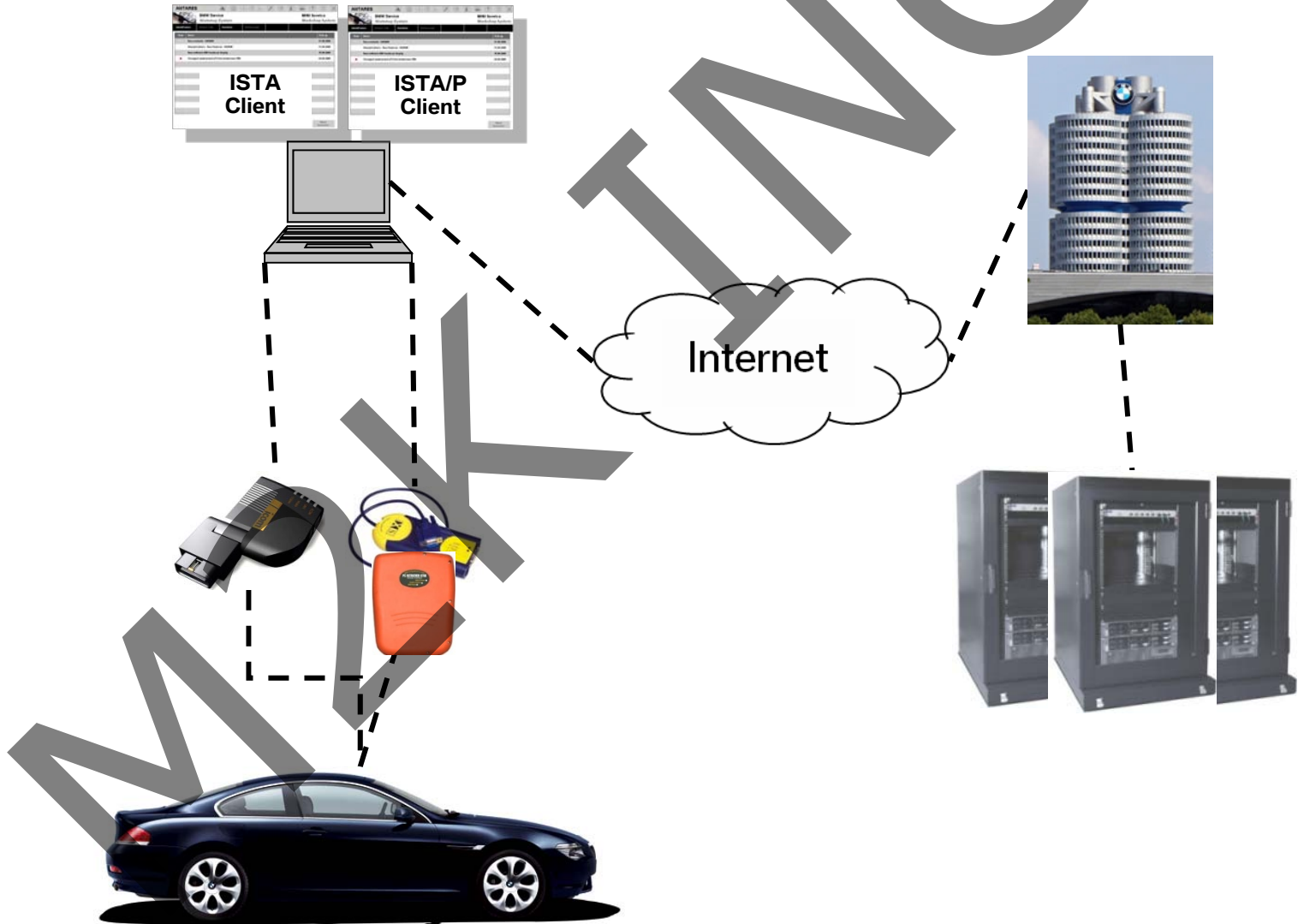
– For communication between the OSS and the vehicle one of the following is required:

- SAE J2534 PTT
- BMW Group ICOM





Online Service System (OSS) Communication Overview





3g Equipment Sales



- Sales will be directly through API International
- API provides all 3g services for BMW Centers
- Financing options to assist you in the acquisition of 3G tools.
- API services related to ISIS acquisition, installation, delivery and support are included in the price of the ISIS server



3g Equipment Sales



– 3G Pre-Installation Services:

- Prior to the delivery and installation of an ISIS server, your facility must be certified by API as “ISIS Ready”.
- API will survey your facility, provide guidance on the standards your facility must meet and certify you for ISIS installation when your facility is compliant with BMW standards.
- ISIS delivery and installation will not be scheduled until your facility is certified by API as “ISIS Ready”.
- BMW has arranged for Siemens (SBS) to install your ISIS server



3g Equipment Sales



– 3G Post-Installation Services:

- On-line software updates for ISIS and Related Tools will be provided by BMW NA.
- API will offer media based updates for 3G tools and equipment as they become available from BMW.
- API will provide a telephone Help Desk to troubleshoot and isolate operational problems associated with the use of 3G Equipment in your facility.
- Siemens will provide hardware support for ISIS and other 3G equipment.