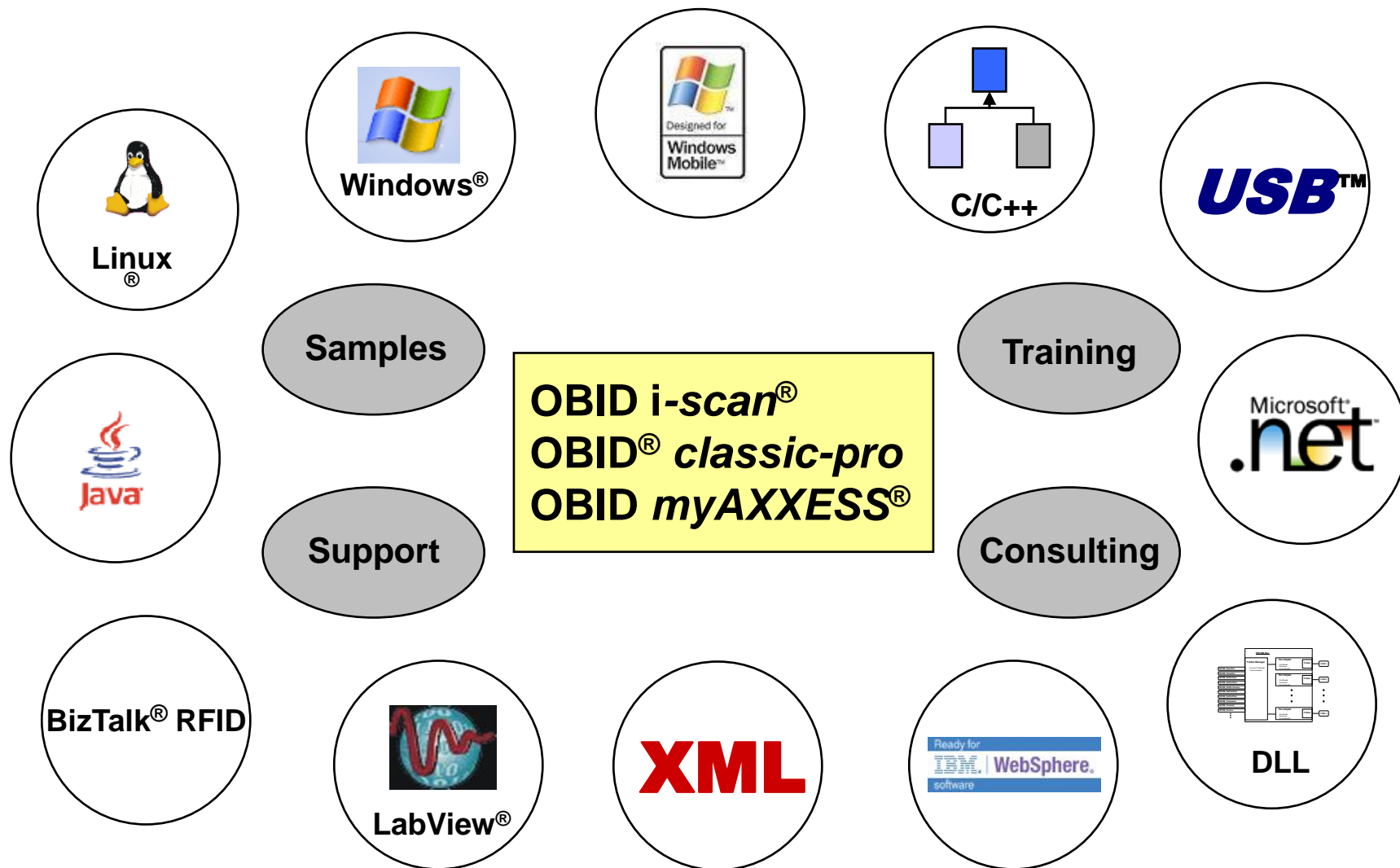


# Connecting Software to OBID®



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# Software Drivers

## Standard Driver for OBID i-scan® HF and UHF

- WHQL certified Windows USB Kernel-Driver (shipped with Reader)
- Device Provider for Microsoft BizTalk RFID 2006 R2

## Standard Driver for OBID® *classic-pro* and OBID myAXXESS®

- WHQL certified Windows PC/SC Kernel-Driver (shipped with Reader)

## Special Driver for OBID i-scan® HF and UHF

- Device Agent for IBM WebSphere Premises Server

# Software Development Kits (SDK)

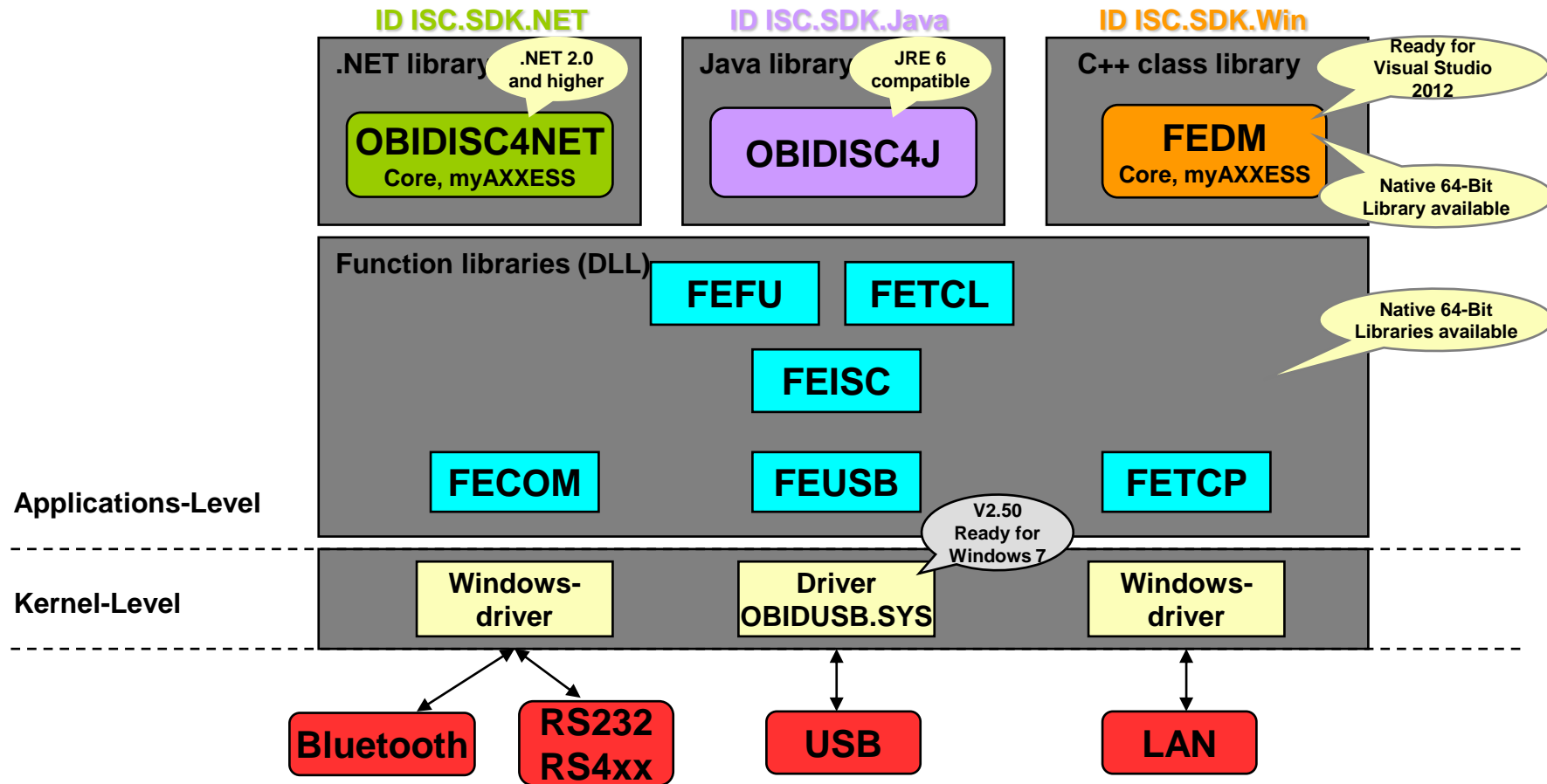
## Standard SDKs for OBID i-scan® HF and UHF and OBID® *classic-pro*

- ID ISC.SDK.Win (DLLs, C++ Class Library, Samples)
- ID ISC.SDK.Linux (SOs, C++ Class Library, Samples)
- ID ISC.SDK.MacOSX (DYLIBs, C++ Class Library, Samples)
- ID ISC.SDK.NET (DLLs, .NET Class Library, Samples)
- ID ISC.SDK.Java (DLLs/SOs, Java Class Library, Samples)
- ID ISC.SDK.WinCE (DLLs , C++ and . NET Class Libraries, Samples)
- ID ISC.SDK.DRV.WinCE.USB (USB-Driver)

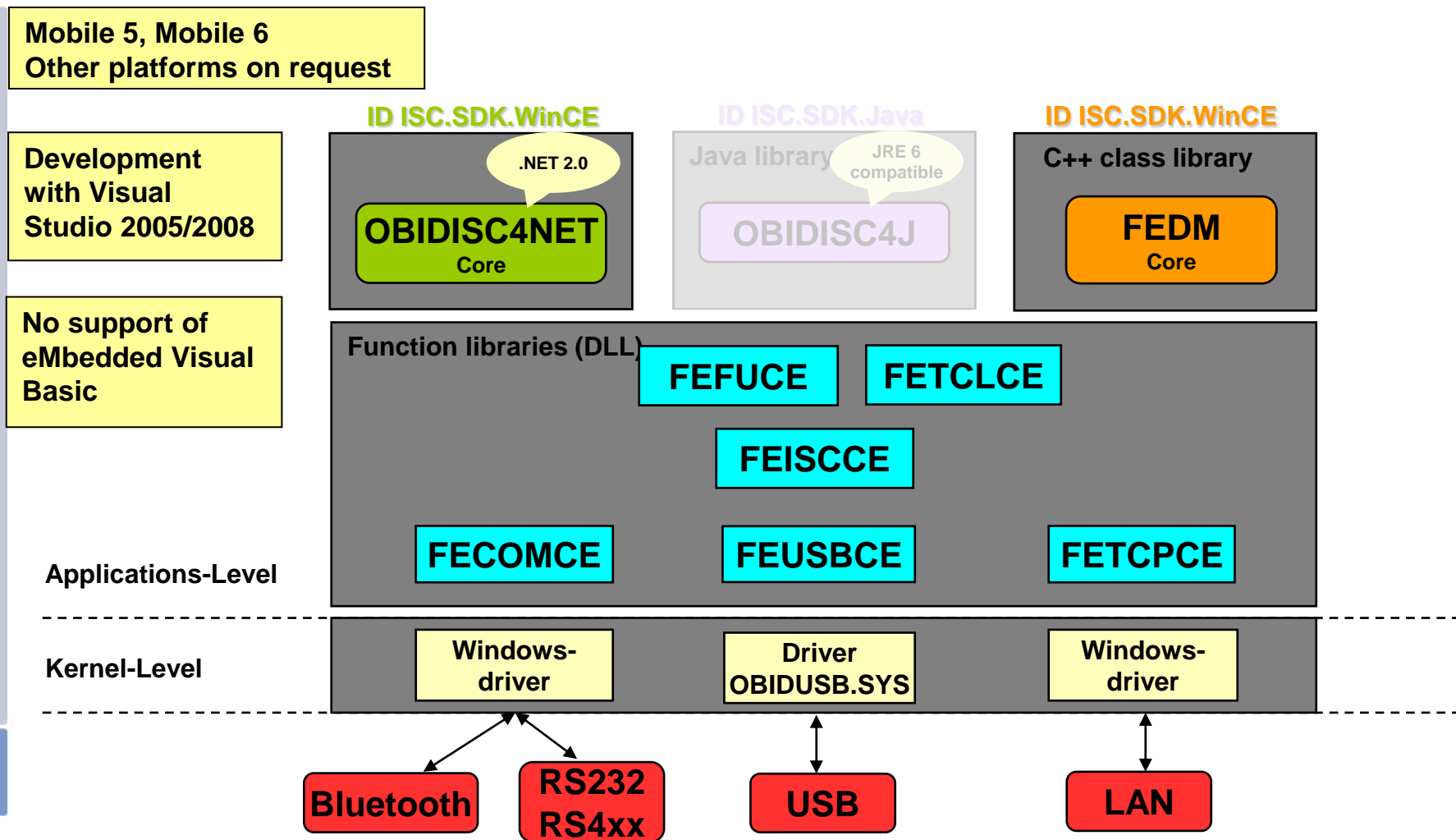
## SDKs for embedded Linux in Long-Range Reader ID ISC.LR2500-A and LRU3x00

- ID ISC.SDK.ACC-LR-FMB08 (SOs, C++ Class Library, Samples)

# Software Support for Windows XP/Vista/7/8

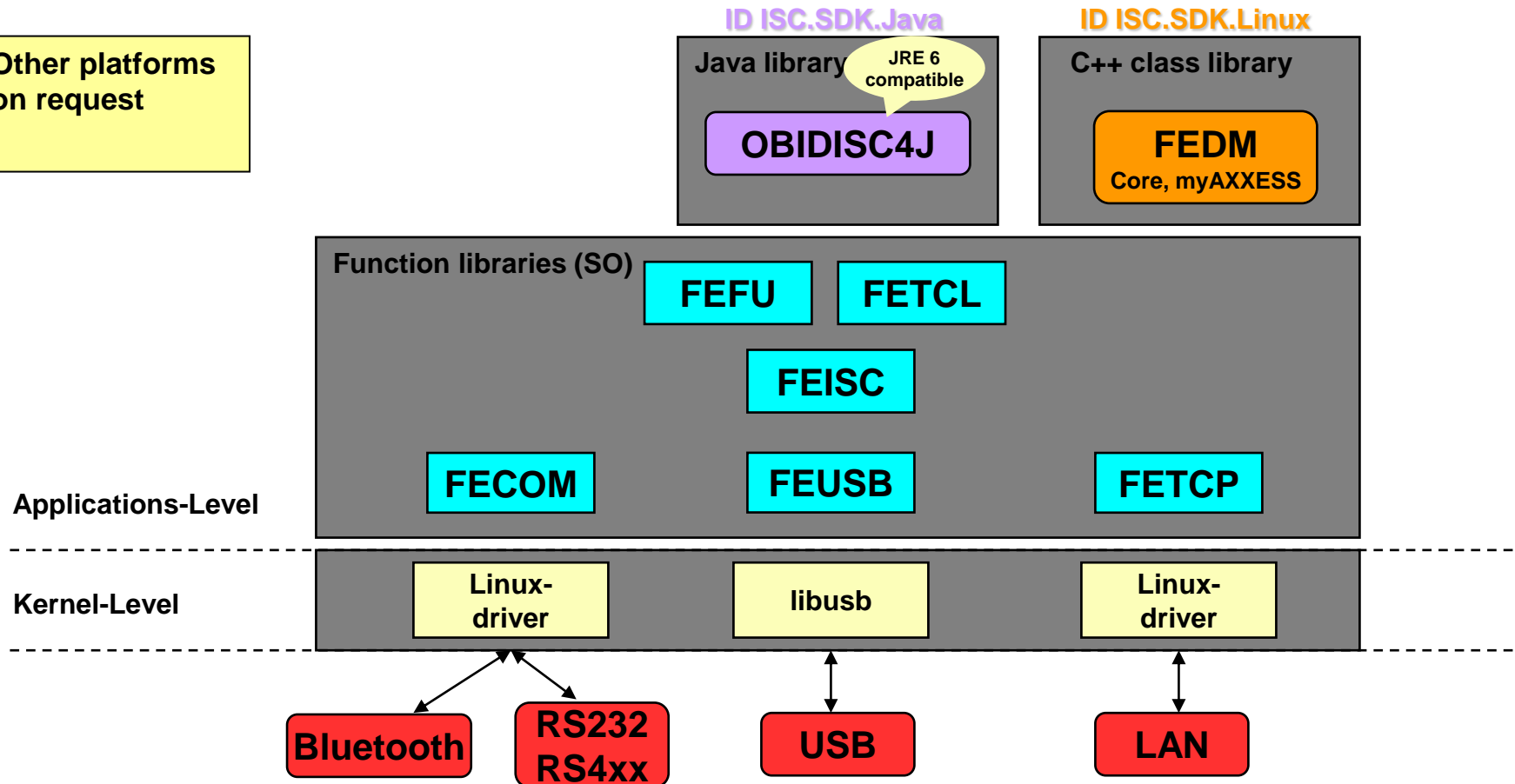


# Software Support for Windows CE



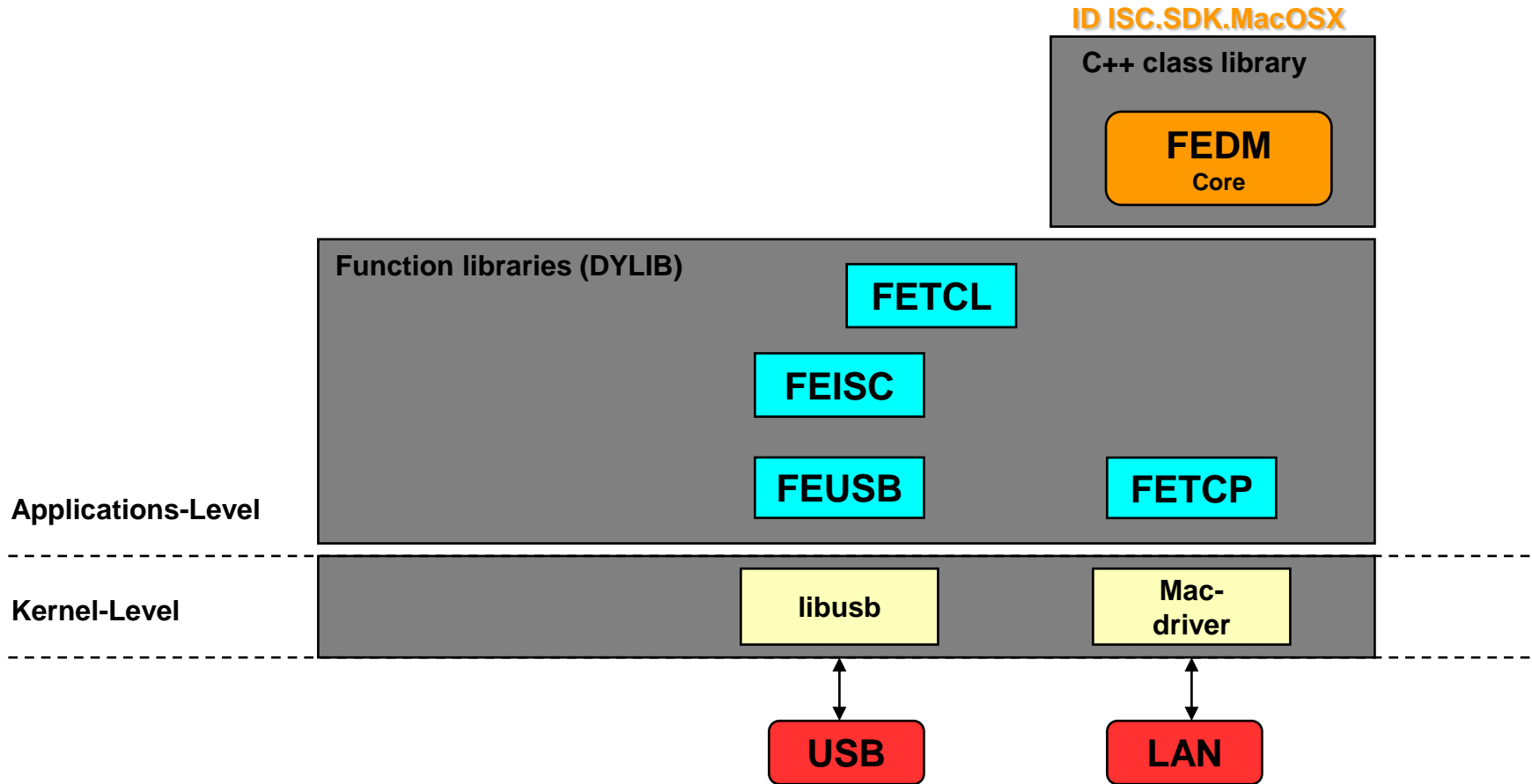
# Software Support for Linux (32-Bit x86 Runtime Libs)

Other platforms  
on request



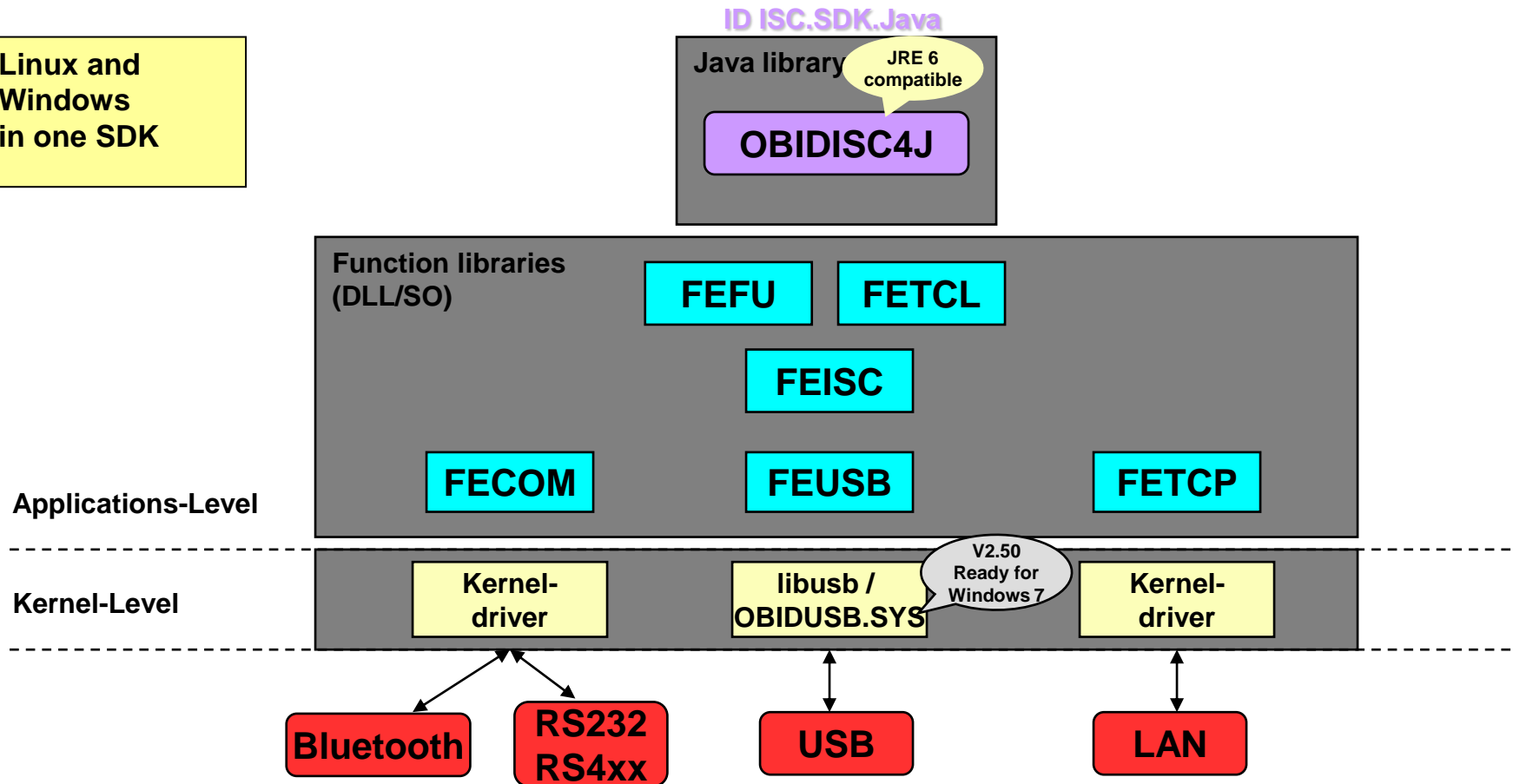


# Software Support for Mac OS X (x86\_64 Runtime Libs)

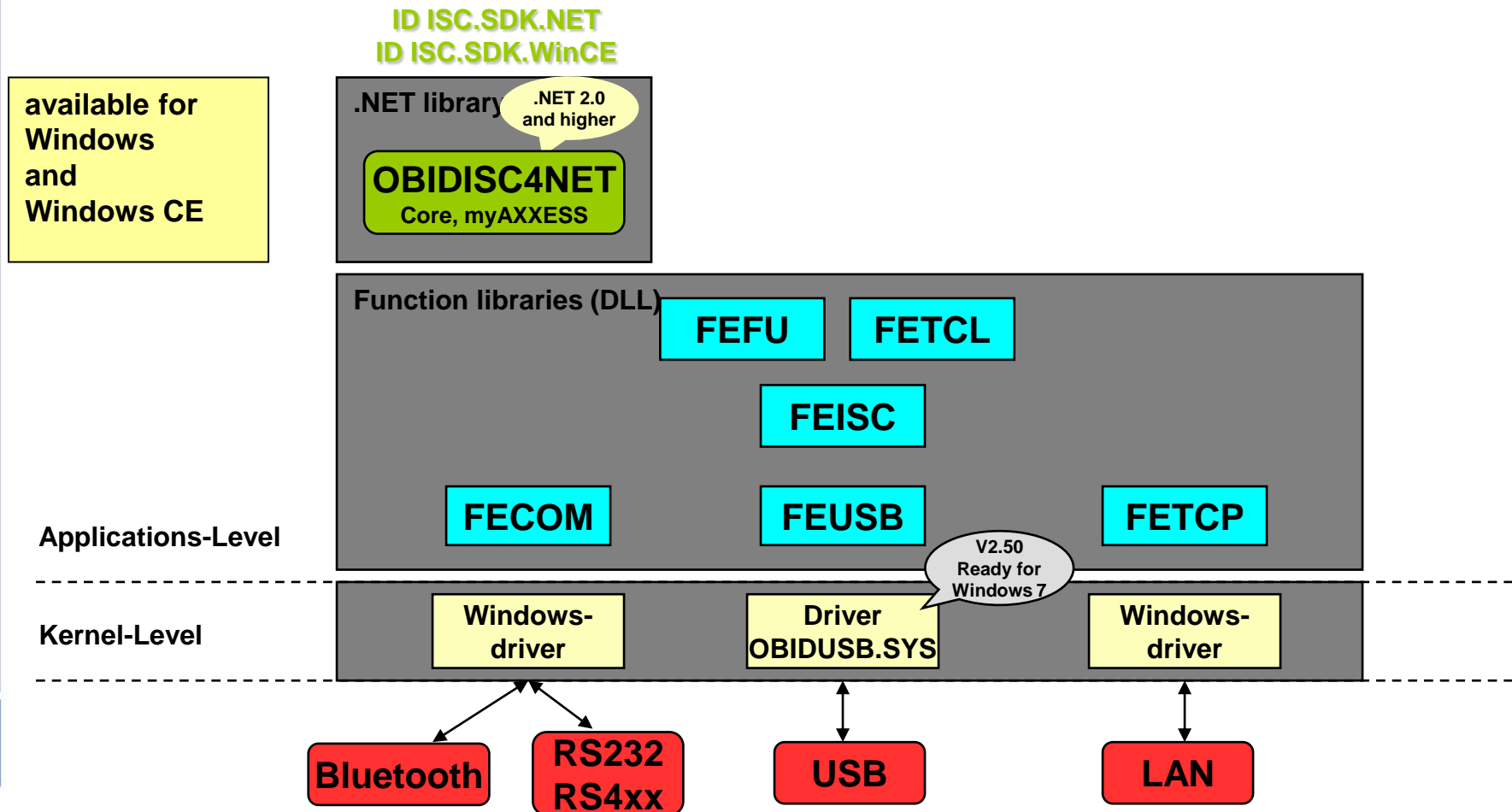


# Software Support for Java (32-Bit JRE)

Linux and  
Windows  
in one SDK

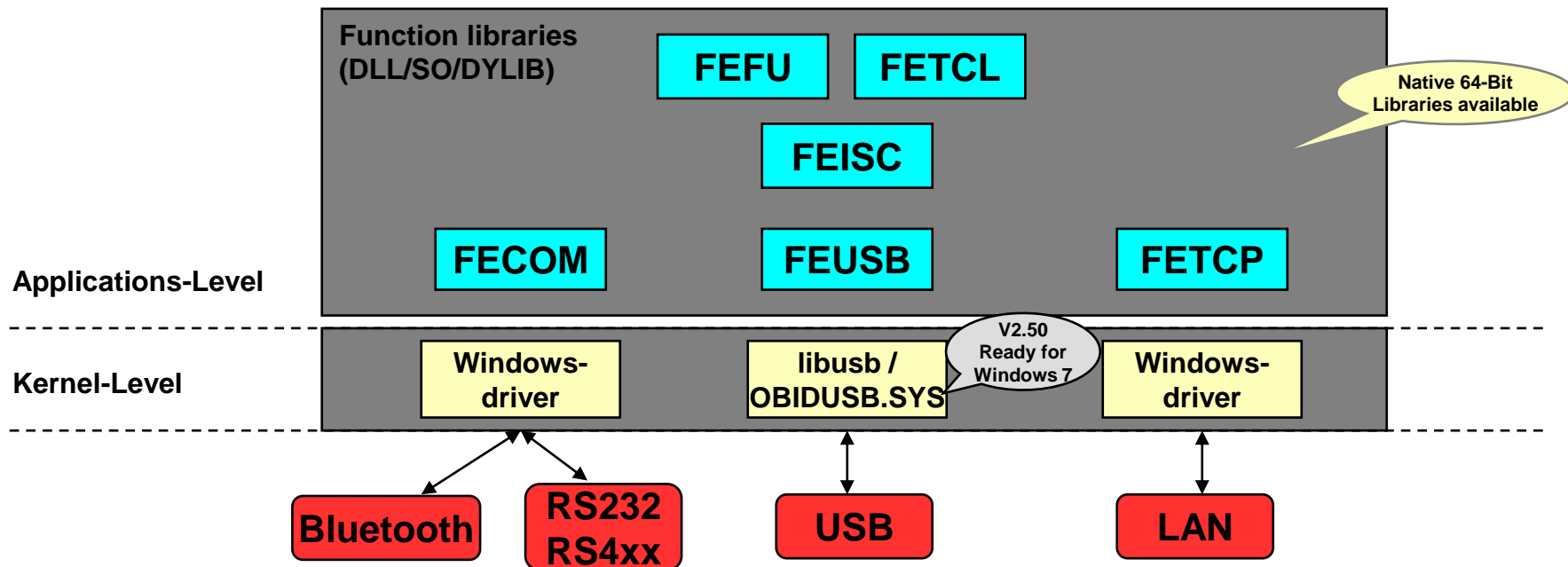
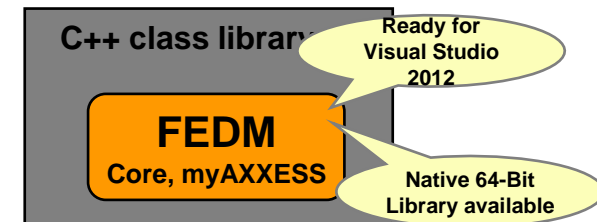


# Software Support for .NET (32- and 64-Bit Framework)



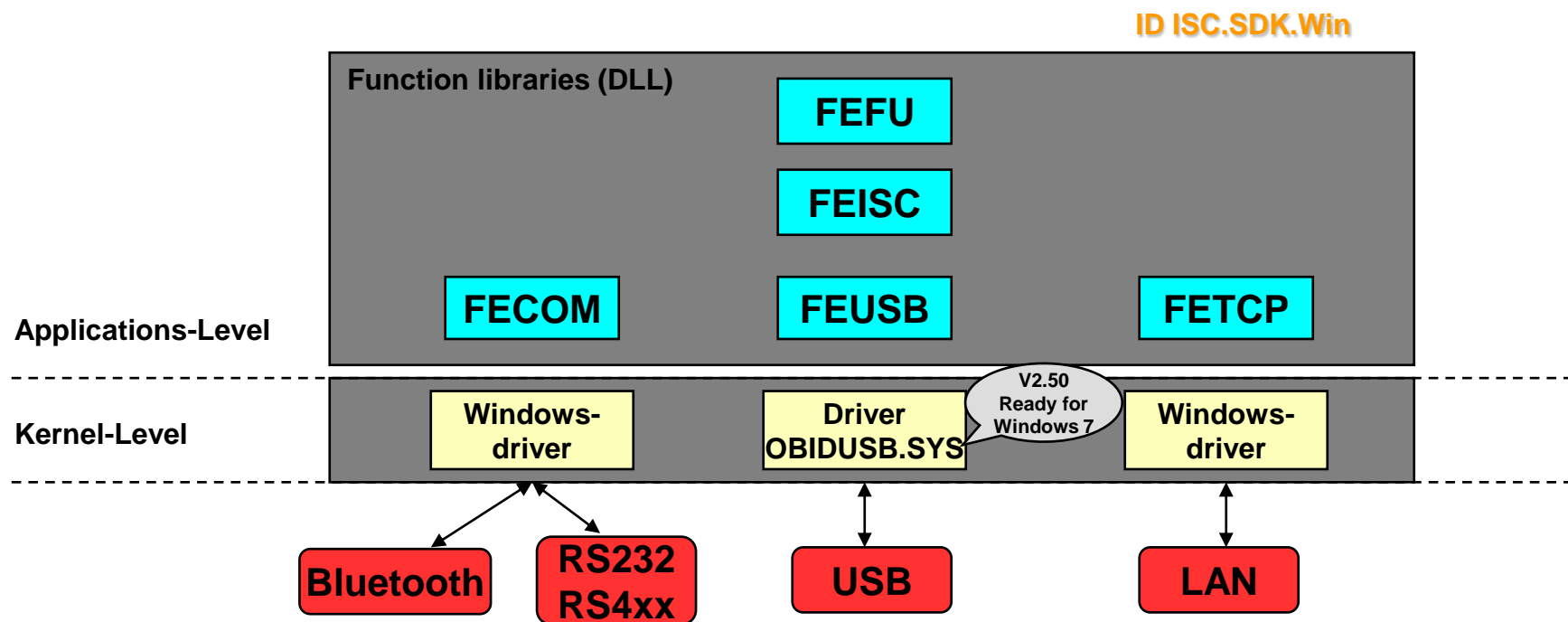
# Software Support for C/C++

- Visual C++ 6/2005/2008/2010/2012
- GNU Compiler (*open source compiler*)
- Windows: Native 64-Bit Libraries available

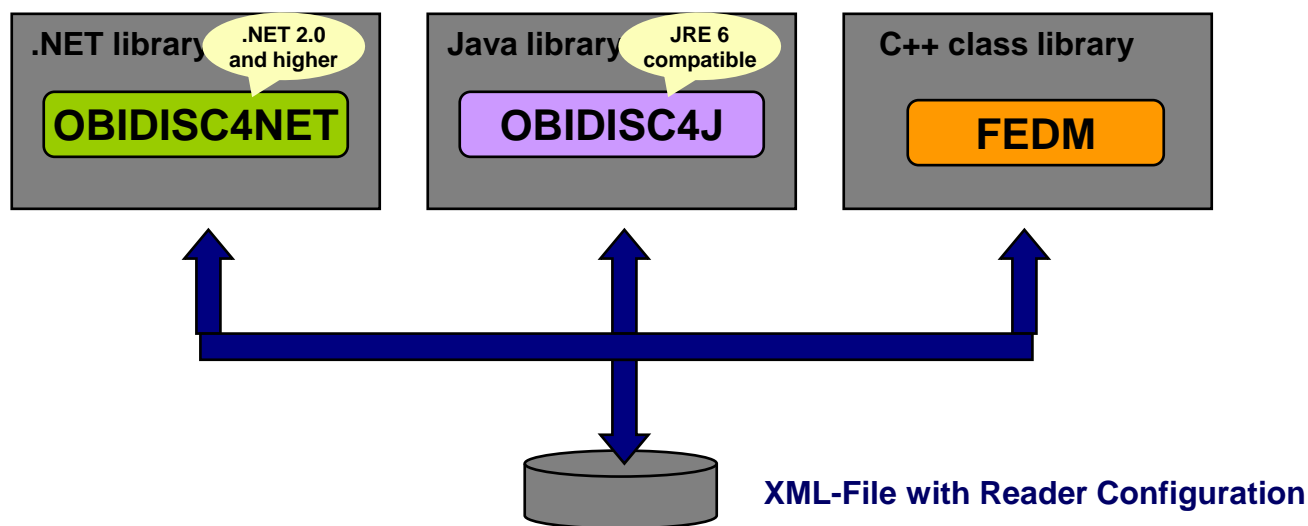


# Software Support for LabView and LabWindows CVI

*National Instruments*



# Integration of XML Technology



## XML is independent of:

- Operating System
- Development Tool
- Programming Language

The Structure of the XML Reader Configuration file is public

## Advantage of the XML Reader Configuration file:

- Exchange of Reader Configuration between Reader and Application (e.g. ISOStart)
- Display of Reader Configuration with Browser

# Source Code Samples of the SDKs

## Standard Samples demonstrate Reader's Operating Modes:

- **ISOHostSample** (SDK.Win, SDK.Linux, SDK.NET, SDK.Java)
- **BRMSample** (SDK.Win, SDK.Linux, SDK.NET, SDK.Java)
- **ScanSample** (SDK.Win, SDK.NET, SDK.Java)
- **NotificationSample** (SDK.Win, SDK.Linux, SDK.NET, SDK.Java)
- **myAXXESS\_Sample** (SDK.Win, SDK.Linux)

## Special Samples:

- **FUSample demonstrates HF/UHF Function Units** (SDK.NET, SDK.Java)
- **USBSample demonstrates use of FEUSB-DLL** (SDK.Win, SDK.Linux, SDK.NET, SDK.Java)
- **PeopleCounterSample** (SDK.Win)

## Complex Applications:

- **MUXDemo for HF/UHF Multiplexer** (SDK.Win)
- **DATuningTool for HF Dynamic Antenna Tuner** (SDK.Win)
- **myAXXESS\_Manager** (SDK.NET)

## Training application ISOStart / CPRStart

