



C-V2X SDK

Software development kit for 9150 development board

The Cohda C-V2X SDK is a self-contained virtual machine that allows anyone with previous embedded Linux experience to quickly compile and run C-V2X applications on the 9150 development board.

It includes source code for several example applications to demonstrate the various APIs and quickly bootstrap application development.

Over and above these applications, the SDK includes all software (mostly source and a few binaries) necessary to modify and rebuild the Cohda firmware to your own specifications, e.g. adding kernel features and drivers or developing proprietary C-V2X alert applications

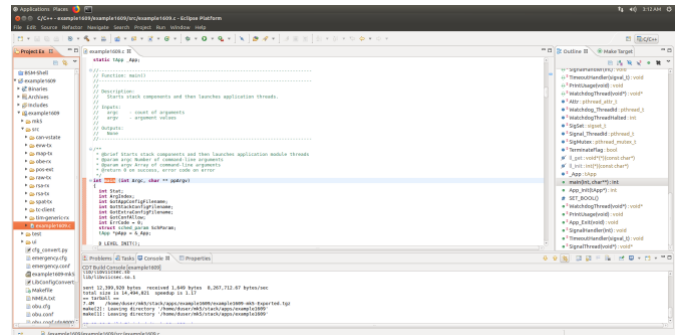
C-V2X SDK for 9150 development board

Applications

- Develop C-V2X Application Layer Software for the 9150 development board
- Example ETSI, multi-threaded customizable application source code supporting the ETSI, ISO & C2C-CC standards.
- Example 1609, multi-threaded customizable application source code supporting the IEEE 1609.x & SAE standards.
- Complete tool chain, necessary to create custom Linux configuration for the 9150 development board.

Tools

- Concise and complete API documentation
- Eclipse Integrated Development Environment, with pre-configured projects
- Wireshark, with Cohda custom decoder, for easy packet level debug and analysis
- vsim, a comprehensive drive visualisation, simulation, and playback tool
- Emulated C-V2X communication between multiple virtual machines over Ethernet



Please contact Cohda Wireless for training



Cohda Wireless Pty Ltd
 27 Greenhill Road
 Wayville SA 5034
 Australia
 P +61 8 7099 5500
 inquiry@cohdawireless.com

Cohda Wireless Europe GmbH
 Kronstadter Str. 4
 81677 Munich
 Germany
 P +49 89 208026548
 inquiry.eu@cohdawireless.com

Cohda Wireless America LLC
 Suite 102,
 3135 South State Street
 Ann Arbor MI 48108
 USA
 P +1 248-513-2105
 inquiry.na@cohdawireless.com

Cohda Wireless China
 Building B, 567 Langao Road,
 Putuo Area, Shanghai
 People's Republic of China
 P +86 21 2221 8265
 inquiry.ch@cohdawireless.com

Hancom MDS Inc.
 3FL Hancom Tower, 49
 Daewangpangyo-ro 644
 Beon-gil
 Bundang-gu
 Seongnam-si, Gyeonggi-do
 463-400 Republic of Korea
 P +82 31-627-3000
 inquiry.kr@cohdawireless.com