

7221 SDK

STANAG 7221 Software Developer's Kit



Product Overview

The STANAG 7221 Software Developer's Kit (SDK) provides a comprehensive environment for producing custom software applications and schedules for STANAG 7221 data communications systems under development.

The SDK is available for various operating systems and STANAG 7221 network interface card configurations.

Components

Device Driver

API

File Management Tool

Packet Monitoring Tool

Modem Test Utility

Configuration Data Creation Tool

Configuration Data Printing Tool

Driver and Tool Documentation

API Reference Manual

Example Software

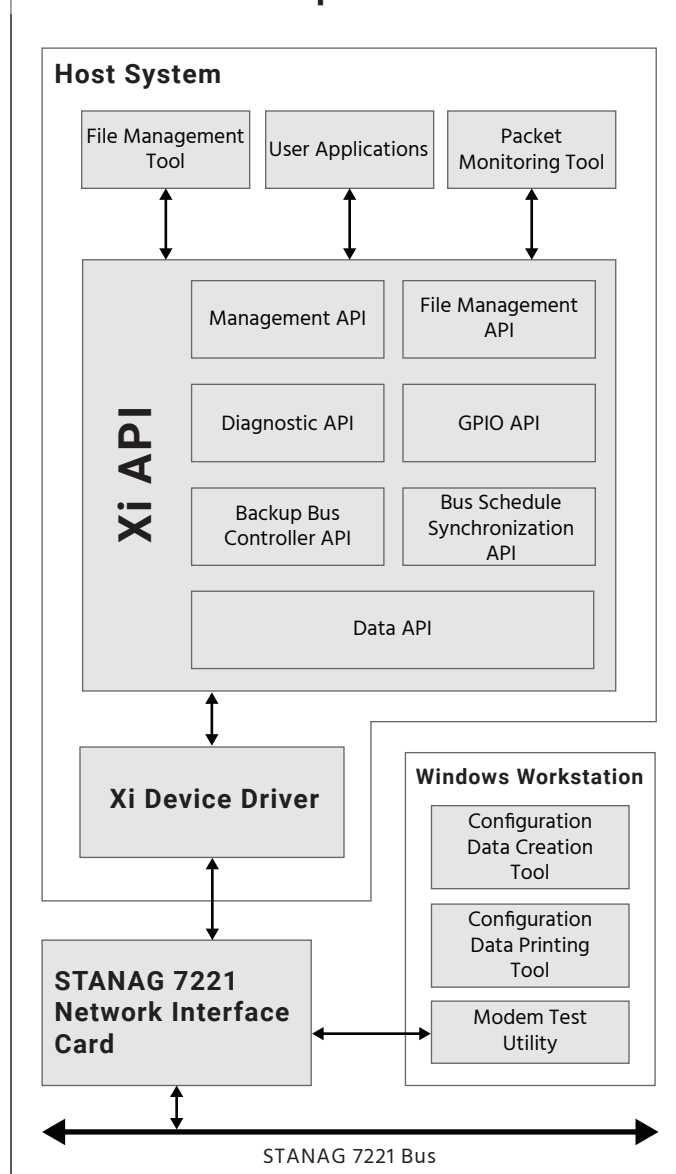
Drivers

VxWorks® 6.3, 653, and 6.9

Linux (CentOS 7.3)

Windows® 7 and 10 (under development)

Software Developer's Kit COMPONENT DIAGRAM



ORDERING INFORMATION

Part Numbers: EHS-SDK-VxWorks (VxWorks)

EHS-SDK-Linux (Linux)

Email: sales@edgewater.ca

Phone: +1 613 271 1101 x3074

Available: Now



Engineering Consulting

Edgewater's highly skilled engineering staff has extensive experience meeting the demands of major military organizations such as the United States Air Force and the Canadian Department of National Defence. To discuss the implementation of STANAG 7221 in a custom form factor or application, please contact us.

STANAG 7221 Products

PMC Network Interface Cards

XMC Network Interface Cards

VPX Network Interface Cards

STANAG 7221 Tools and Resources

EHS-BTM Bus Transaction Monitor

EHS-BME Bus Modeling Environment

EHS-7221-EVK Lab Evaluation Kit

EHS-TRN5600 Training Course

STANAG 7221

Promulgated by the NATO Standardization

Organization in May 2015, STANAG 7221 enables the rapid and incremental integration of robust and deterministic data-centric capabilities demanded by today's military operators while delivering those capabilities at a fraction of the cost compared with conventional approaches.

STANAG 7221 defines a broadband, real-time data bus standard for transmitting waveforms along with a series of appendices describing various physical media interfaces. Edgewater's 7221 family of network interface devices support STANAG 7221 Appendix 1, which defines interoperability on a STANAG 3838/MIL-STD-1553B data bus to deliver 100 times more data capacity while operating concurrently with existing STANAG 3838/MIL-STD-1553B signaling.

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