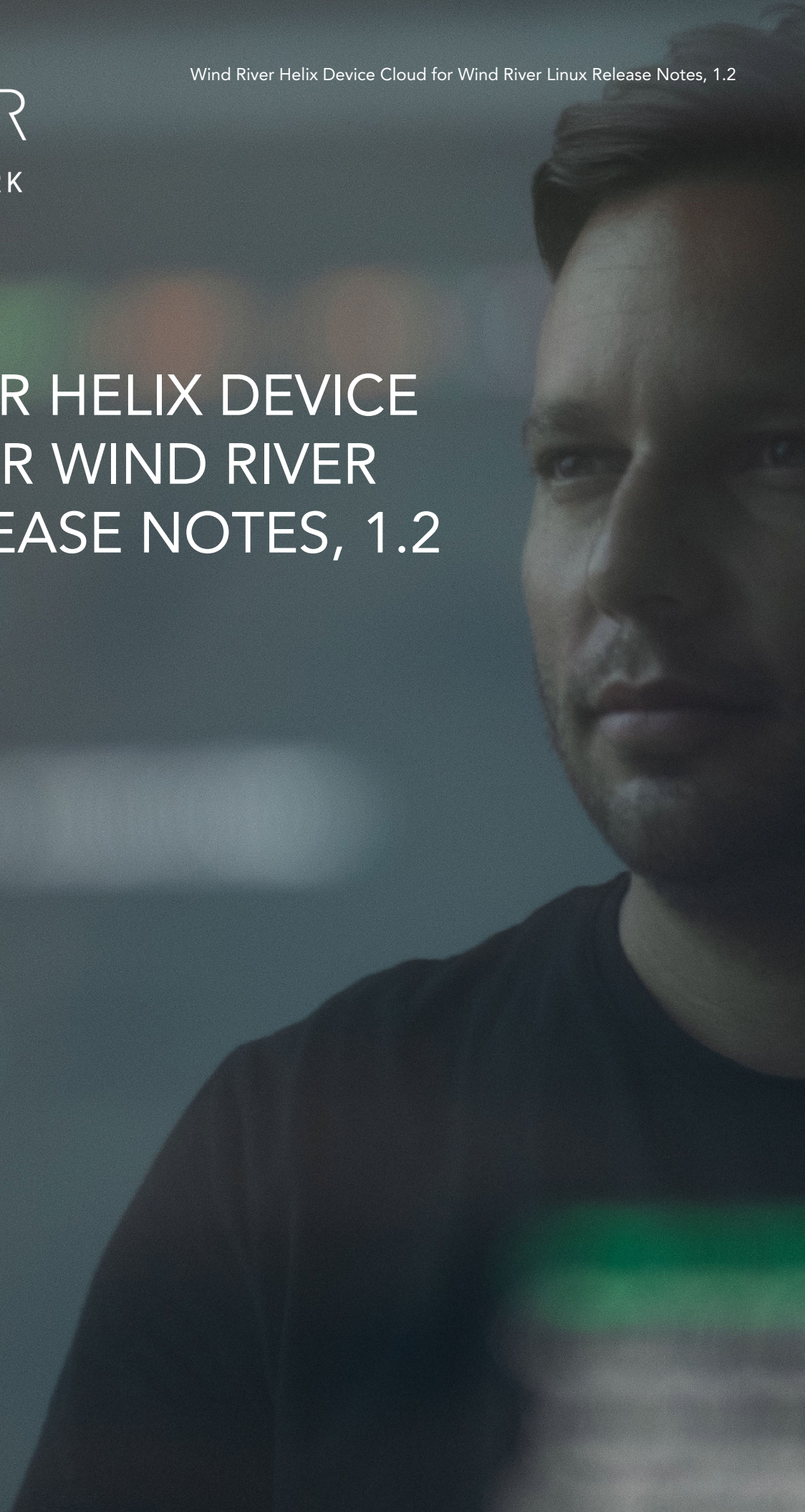


WIND RIVER HELIX DEVICE CLOUD FOR WIND RIVER LINUX RELEASE NOTES, 1.2



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Corporate Headquarters

Wind River
500 Wind River Way
Alameda, CA 94501-1153
U.S.A.
Toll free (U.S.A.): +1-800-545-WIND
Telephone: +1-510-748-4100
Facsimile: +1-510-749-2010

For additional contact information, see the Wind River website:

www.windriver.com

For information on how to contact Customer Support, see:

www.windriver.com/support

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29 January 2019

1. WIND RIVER HELIX DEVICE CLOUD FOR WIND RIVER LINUX RELEASE NOTES, 1.2

2. OVERVIEW

Helix Device Cloud includes the HDC Server and the HDC Agent for Wind River Linux 7.0 or later.

Product Introduction

Helix Device Cloud (HDC) is a cloud-based IoT platform that enables IoT devices to securely connect to a centralized console, providing device management and solution extensibility. Helix Device Cloud for Wind River Linux combines the embedded device support of Wind River Linux with cloud connectivity to provide a complete end-to-end solution for IoT devices to facilitate capabilities such as data capture, rules engine, and configuration.

The *Wind River Helix Device Cloud for Wind River Linux Release Notes* introduce you to the key features of the latest release of this product. You should also refer to the *Wind River Linux 7.0 Release Notes*. The HDC documentation does not describe Linux features unless they are used specifically to support HDC.

Feature Summary

The main benefits of HDC are to reduce service costs by enabling remote maintenance and management of distributed assets. HDC builds on the hardware and software features of Wind River Linux. The following key features are available in this release:

- HDC-specific enhancements to the Linux configuration and build capabilities to configure and build the HDC Agent in the rootfs
- remote data capture through the HDC Agent
- cloud-based rules engine to process and act on data
- software updates initiated from the HDC Server with rollback to a previously functioning rootfs in case of software update failure
- remote login from the HDC Server to the device
- HDC Platform REST APIs hosted by the Mashery API Manager to build custom applications for device management and data capture

The following features are not supported on Helix Device Cloud for Wind River Linux:

- factory reset to a default software image

Installation and Licensing

You receive Helix Device Cloud for Wind River Linux as a separate RPM that you install on your host computer on top of your Wind River Linux installation. For installation instructions, see *Wind River Helix Device Cloud for Wind River Linux and IDP XT Programmer's Guide: Building and Booting HDC for Wind River Linux*.

For information on configuring product licenses, see the Wind River product installation and licensing guides at the following website:

windriver.com/licensing/documents

For information on activating your products, go to the Licensing Portal at the following website:

windriver.com/licensing

Documentation

Documents are available in HTML and PDF format in your product installation. For a complete list of available documents, see the *Wind River Helix Device Cloud for Wind River Linux and IDP XT Programmer's Guide: Where to Find Information*.

All documents are also available in HTML and PDF format on the Wind River Knowledge Library at the following website:

knowledge.windriver.com.

For access to the HDC documents, log in and select **Internet of Things > Helix Device Cloud > Helix Device Cloud 1.0**.



NOTE: This documentation will be updated as necessary after release. Confirm that you are using the latest version of the documents.

Certificates and Credentials

The email you received with the details of your purchase order of Helix Device Cloud includes the following:

- your HDC Server URL
- certificates and credentials for the HDC Server
- credentials for the Wind River Mashery website
- an API key for the Mashery API Manager

To install your certificates, in a web browser, navigate to your HDC Server and log in with the user name and password you received. For instructions about installing your certificates, see *Using SSL/TLS with Axeda Platform, 6.8*, which is available on the Knowledge Library.

To access the Mashery I/O Docs website, use the Mashery user name and password you received and log in to the following website:

windriver.mashery.com

The Mashery API key controls which endpoints the application can access. You must provide the API key in each Mashery API call.

3. HOST AND TARGET REQUIREMENTS

Host and target support for Wind River Helix Device Cloud 1.2 is based on hosts and targets supported on Wind River Linux.

Helix Device Cloud for Wind River Linux supports the same hosts as Wind River Linux 7.0.

For more information, see the *Wind River Linux System Requirements - Recommended Hosts List*, 7.0.

Helix Device Cloud for Wind River Linux supports ARM and Intel processor targets supported by Wind River Linux 7.0.

For detailed information about host and target requirements, see the *Wind River Linux Release Notes*, 7.0.

4. KNOWN ISSUES

The most current information and known problems for Helix Device Cloud for Wind River Linux are available from the Wind River Knowledge Library.

You should also refer to the information for Wind River Linux 7.0 and Workbench 4.

5. USAGE CAVEATS

This topic describes usage issues that you should be aware of when working with Helix Device Cloud for Wind River Linux.

You should also refer to the information for Wind River Linux 7.0 and Workbench 4.

6. CUSTOMER SERVICES

Wind River is committed to meeting the needs of its customers. As part of that commitment, Wind River provides a variety of services, including training courses and contact with customer support engineers, along with a website containing the latest advisories, FAQ lists, known problem lists, and other information resources.

Customer Support

For customers holding a maintenance contract, Wind River offers direct contact with support engineers experienced in Wind River products. The Customer Support program is described in the *Standard Support User's Guide* available at:

<http://www.windriver.com/support>

The guide describes the services available, including assistance with installation problems, product software, documentation, and service errors. You can reach Customer Support by e-mail or telephone:

Location	Phone	Email
North and South America, Asia/Pacific (outside Japan)	800-872-4977 (toll-free)	support@windriver.com
Europe, Africa, Middle East	+(00) 800-4977-4977 (toll-free)	support-EC@windriver.com
Japan	81-3-5778-6001	support-jp@windriver.com

For detailed contact information, including contact information specific to your products, see the Support website shown above.