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# VisiBroker RT 7.0 Release Notes

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## Installing VisiBroker RT

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To install Rocket Software VisiBroker RT, execute the the installer and follow the instructions. Java 8 or higher is required to perform the installation.

If you are upgrading from an earlier version of VisiBroker RT, a fresh installation is required. You will also need to recompile your application with the VxWorks 7.0 toolchain, following the instructions given in the *Developer's Guide*. It should be noted that previous versions used an optional "minimum" CORBA profile, whereas VisiBroker RT 7.0 implements an optional "compact" profile. This profile is compliant with the OMG's CORBA/e compact profile and may not have the exact capabilities of the "minimum" ORB.

If you are using a 64-bit JDK 11 or higher, and VisiBroker was installed with a 32-bit JDK version, then apply the appropriate VisiBroker 64-bit Service Overlay so that Java services and tools will work with the new JDK. To accomplish this, run the 32-bit VisiBroker installer as normal, but select your 64-bit JDK selected during the installation process. Immediately after installation, unpack the appropriate VisiBroker 64-bit Service Overlay patch into the installation directory. Contact [Rocket Software](#) for further information.

## Platforms and Compilers

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All platforms provided by VisiBroker RT use VxWork's Symmetric Multiprocessing (SMP) and not Uniprocessing (UP).

VxWorks Version	CPU	Bit Mode	Compiler
SR0640	SIMLINUX	32/64	LLVM 2016.04
21.07	CORTEX_A72	64	LLVM 2016.04

If a platform outside of this list is desired, contact [support](#) for more information.

# Features

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VisiBroker RT 7.0 has the following enhancements.

## CORBA/e compact profile support

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The CORBA/e compact specification is provided by the OMG for the purpose of remaining CORBA compliant in addition to designing a lightweight application on real-time systems. VisiBroker RT supports both the compact profile and a full profile that provides the entire capabilities of the ORB. For details, see the CORBA/e Compact specification document, which is available for download from [OMG.org](http://OMG.org).

## Kernel and RTP modes

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Applications can be built in Kernel or Real-Time Process (RTP) mode using the corresponding VisiBroker RT libraries. See the VxWorks documentation for more information on Kernel and RTP mode applications.

## Native exceptions

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VisiBroker RT 7.0 supports only native C++ exceptions and does not support emulated exceptions.

## User Documentation

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Documentation released with this product is available online, from [Micro Focus Documentation](#).

## Known Issues

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There are no known issues with this release.

## Disclaimer

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