



NEOXEN® QWINUX™

RELEASE 4.2.0

WHITE PAPER

NEOXEN® TECHNOLOGY

BRILLIANCE AND INNOVATION – EVERYDAY WE BUILD THE FUTURE...



DOCUMENT INFORMATION

This White Paper describes the purpose, key features and general benefits of using the Neoxen® Qwinux™ Release 4.2.0 distribution of best-in-class Open Source software development & productivity tools for Microsoft® Windows®.

DOCUMENTATION LICENSE

This documentation, as well as the software described in it, is furnished under license and may only be used or copied in accordance with the terms of the license. The information in this document is furnished for informational use only, is subject to change without notice, and should not be construed as a commitment by Genestia Group, Inc.

Genestia Group, Inc assumes no responsibility or liability for any errors or inaccuracies that may appear in this document or any software that may be provided in association with this document. Except as permitted by such license, no part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means without the express written consent of Genestia Group, Inc.

Information in this document is provided in connection with the vendor products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document.

Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined". Genestia Group, Inc reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them.

TRADEMARKS

Genestia, Qwinux, Neoxen, the Neoxen logo, Neoxen Kronos, Neoxen QX, Neoxen QX Framework and Neoxen Modus are trademarks or registered trademarks of Genestia Group, Inc in USA and/or other countries.

Adobe, Acrobat and Acrobat Reader are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries. Apache is a trademark of The Apache Software Foundation. Linux is a registered trademark of Linus Torvalds. Microsoft, Windows and Visual Studio are registered trademarks of Microsoft Corporation in the United States and/or other countries. Netscape is a registered trademark of Netscape Communications Corporation in the United States and other countries.

All other trademarks, registered trademarks and product names are the property of their respective owners.

© Copyright 1995-2003 Genestia Group, Inc. All Rights Reserved.

ABOUT THE COMPANY

Genestia Group, Inc - Neoxen Systems is an internationally operating software and consultancy company producing new generation of software development products, and solutions for ICT process improvement. The Neoxen® product family covers areas from business and technology development to state-of-the-art software production tools. Our unique offerings enable our users to innovate and create software solutions and business applications with extreme ease and efficiency. Solutions based on our award winning Neoxen® Technology are used to design, implement, build and distribute applications for in-house and commercial use. In addition we provide Professional Services for our corporate customers, including consultancy, implementation, integration, customization and training.

Our vision is to enable a new era in software technology, where our customers have the freedom to instantly create applications, deploy them on any platform, and integrate and manage them across the enterprise. The Global Village needs solutions to help its people to work more efficiently and faster with less effort than ever before.

<http://www.neoxen.com>
<http://www.qwinux.com>
<mailto:sales@neoxen.com>

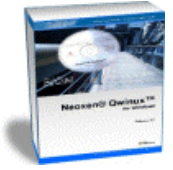


CONTENTS

NEOXEN® QWINUX™ – CONCURRENT SOFTWARE DEVELOPMENT FOR WINDOWS AND LINUX	1
ABOUT NEOXEN® QWINUX™	1
THE NEED FOR A BUSINESS ORIENTED OPEN SOURCE DEVELOPMENT PLATFORM	2
THE ADVANTAGES OF USING NEOXEN® QWINUX™	3
NEOXEN® QWINUX™ - BUILT TO MEET THE BUSINESS NEEDS	4

NEOXEN® QWINUX™ - THE DEFINITE OPEN SOURCE PLATFORM OF CHOICE	5
GENERAL AVAILABILITY	6
SHIPPING RELEASE	6
DISTRIBUTION MEDIA	6

SUMMARY	7
----------------	----------



NEOXEN® QWINUX™ – CONCURRENT SOFTWARE DEVELOPMENT FOR WINDOWS AND LINUX

This White Paper describes the Neoxen® Qwinux™ Release 4.2.0 - The Ultimate Distribution of Open Source Development & Productivity Tools for Windows.

Neoxen® Qwinux™ is the most comprehensive environment especially designed for the needs of professional Windows-Linux users, such as systems integrators and application developers, but it is also suitable for those new to Open Source tools.

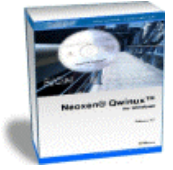
ABOUT NEOXEN® QWINUX™

Neoxen® Qwinux™ is the latest addition to the Neoxen® product family.

Originally it started as an additional utility CD provided with Neoxen® QX Framework – the development platform of Genestia Group, Inc. Since the early versions it has grown and matured and now it continues as a separate distribution on its own right to better serve the global development community.

Today Neoxen® Qwinux™ significantly complements the overall spectrum of technology solutions that Genestia Group provides. In addition, Neoxen® Qwinux™ is a noteworthy addition to the list of serious Open Source distributions currently available.

Read on to find out what makes Neoxen® Qwinux™ a most powerful choice for anyone either considering concurrent development for Windows and Linux or seeking a replacement for the currently used commercial development tools.



THE NEED FOR A BUSINESS ORIENTED OPEN SOURCE DEVELOPMENT PLATFORM

The origin of Neoxen® Qwinux™ was in the evolving need to fasten concurrent Windows and Linux development cycle. The globalization and increasingly versatile infrastructure even further emphasize the need for a professional, high quality and highly flexible set of development tools.

When business applications are produced for customers requiring support for both Windows and Linux, the possibility to offer short and efficient project cycle with flexible and robust software results can be a true winning combination.

Some of the essential features required from a business oriented cross-platform development environment are:

- 📖 It needs to support seamlessly all the Microsoft® operating environments. It needs to be compliant with Microsoft® Platform SDK and allow porting from Microsoft® Foundation Classes (MFC) to other platforms. It should provide developers with an optimal path between existing and new generation systems.
- 📖 It should contain ready-to-install, ready-to-run binaries compiled and tested for Win32 in order to shorten the time-to-market and time-to-money spans.
- 📖 The tools included should be very well performing and robust. The structure should be modular and they need to support multiple programming languages.
- 📖 It should be fully internationalized and provide easy localization procedures for all the major language areas, including Far East.

Neoxen® Qwinux™ answers to these requirements and many others. Therefore it is the chosen development platform for any programmer seeking for more competitive advantages in today's rapidly evolving global markets.





THE ADVANTAGES OF USING NEOXEN® QWINUX™

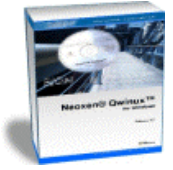
The Neoxen® Qwinux™ is a cost-effective alternative for professional as well as for personal use. The proven software applications and community support available on the Internet make Open Source a good and truly affordable choice.

Many studies indicate that Open Source tools are typically more stable and contain fewer bugs than their closed counter-parts. The stability and robustness that Neoxen® Qwinux™ provides is achieved and continuously increased as computer users around the world develop the included packages each and every day. People voluntarily cooperate to make the software applications that suit their needs. This means that the applications can be made to incorporate the best features available, and that solutions can be provided with the most useful software available.

As the very first product of its kind, Neoxen® Qwinux™ distribution brings many of the world's leading Open Source programming tools and utilities to Windows desktop in a single unified collection. These include the likes of MinGW, wxWindows, Python, Perl, Inno Setup, Doxygen, Ghostscript, MySQL and much, much more. They are all compiled and tested for Win32.

Using Neoxen® Qwinux™ as the main development platform also has a positive impact on development and maintenance costs, whether it is a single application in question or a network of different applications. Following are the key areas where Neoxen® Qwinux™ has a direct impact on overall project cost and effectiveness:

-  **Save in costs:** Neoxen® Qwinux™ is a 'one-stop-shop'. It contains all the necessary documentation and tools all combined to a unified distribution. It is easy to learn and easy to use and the licensing is flexible and competitive.
-  **Build better applications:** As you save in development costs, you will also build better applications utilizing the extensively tested and proven foundation. Less bugs, shorter testing cycles and shorter project completion will raise your customer satisfaction and give you competitive advantage.



Earn Confidence: Whether you create an application designed to reside on an intranet or run over the Internet, customers will feel more confident using the system based on a robust and proven platform.

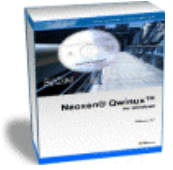
NEOXEN® QWINUX™ - BUILT TO MEET THE BUSINESS NEEDS

Designed as a highly flexible and customizable toolkit, Neoxen® Qwinux™ allows exercising as much control over the architectural layers as required by the business needs of the application. It permits developers and integrators to easily leverage the full power of the included technologies for their own benefit. By default, application development with Neoxen® Qwinux™ allows for subsequent access to all the technologies and platforms supported by Microsoft, the Linux community and many others. The users of the distribution are not forced to stick in one and only solution or technology. This business-oriented flexibility offers a true competitive advantage.

One of the additional benefits of Neoxen® Qwinux™ is that its usage is not restricted to any particular programming language or development environment. The core technologies support low-level C language and C++ for optimal performance and inter-operability. On top of that the distribution contains C#, Perl, Python, etc. for maximum flexibility.

The core packages of Neoxen® Qwinux™ are fully internationalized. Therefore the business applications created can be easily localized to most language area, including Far East.

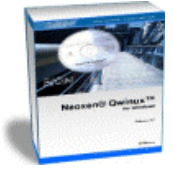
As a whole, Neoxen® Qwinux™ is an answer to efficient production of globally as well as locally targeted business driven solutions with the new generation of development tools.



NEOXEN® QWINUX™ - THE DEFINITE OPEN SOURCE PLATFORM OF CHOICE

Neoxen® Qwinux™ is designed from ground up to fasten cross-platform software development cycle supporting both Windows and Linux. Business orientation as a basic guideline it permits you to complete more projects with fewer personnel than ever before.

Release 4.2.0 contains ready-to-install and ready-to-run binaries and loads of chosen documentation all conveniently available in a single distribution. The contents are made available as a "*Web Site on a CD*", in order to provide the most usable access to all its features.



GENERAL AVAILABILITY

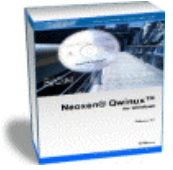
SHIPPING RELEASE

The Neoxen® Qwinux™ is available directly from the vendor and from the well-equipped retailers worldwide. The currently shipping version is Release 4.2.0.

Please visit our web site at <http://www.qwinux.com> or contact our sales department at sales@neoxen.com.

DISTRIBUTION MEDIA

The Neoxen® Qwinux™ Release 4.2.0 is delivered on a CD-ROM or as an electronic download with all the documentation in a ready-to-print electronic form. The referential documentation is also provided in multiple formats, such as HTML, PDF, Compiled HTML and Microsoft Word.



SUMMARY

Neoxen® Qwinux™ is an answer to the needs of business application developers and systems integrators working in a reality of changing business requirements and versatile infrastructure.

Neoxen® Qwinux™ delivers increased productivity and efficiency by reducing redundant efforts and eliminating many of those efforts that may interfere with completing a project. More important, Neoxen® Qwinux™ supports the key development processes where the majority of a company's working capital is tied up. It makes users efforts more effective and business processes more efficient and productive.

Neoxen® Qwinux™ accommodates the changing business dynamics as it is a flexible and customizable platform that can be even upgraded after the application has been released. Furthermore, it leverages previous investments in other applications and platforms by bringing a true interoperability into reality.

By taking advantage of the benefits of the product, you can increase your flexibility in response to changing business goals. You are permitted to address company specific needs by extending the system while taking advantage of common platform services. With Neoxen® Qwinux™ you achieve enterprise-class reliability, compatibility and integration by leveraging proven and robust technologies.

All in all, with Neoxen® Qwinux™ Release 4.2.0 you can increase you productivity, quality and customer satisfaction.