

Rogue Wave Software, a division of Quovadx, Inc. (Nasdaq: QVDX), provides reusable software components and services for enterprise-class application development and high-performance SOA. To date, thousands of developers have used Rogue Wave® products to develop mission-critical applications for some of the world's leading companies.

## High Performance for SOA-based Applications

As organizations continue to accelerate growth, enterprise applications are required to support dramatically higher business volume. Business applications are consistently required to run faster, support more users, or process more transactions. Scaling of applications in a cost effective manner has always been a difficult technical challenge. When using SOA development models, IT groups have been hampered by the lack of tools and industry expertise available to help them build applications that leverage concurrent processing development techniques to deliver high performance applications. In the past, technology professionals have relied on faster processors to meet performance goals. However, recent advances in hardware technology use multi-core architectures that cannot be leveraged by most existing enterprise software applications as they are not multi-threaded.

Rogue Wave Software has delivered the first service execution framework based on Software Pipelines, an architecture that enables the development and deployment of high-performance, scalable SOA-based applications. Software Pipelines add performance and scalability by enabling concurrent processing of business services within and across servers, while preserving critical business rules. Only Rogue Wave® Hydra, based on the Service Component Architecture (SCA) and Service Data Objects (SDO) specifications, enables developers to take existing application components and enable them to run concurrently – without requiring complicated development techniques or significant re-coding.

### Business:

Reusable software components and services for enterprise-class application development and high-performance SOA.

### Customers:

Corporate IT organizations and ISVs responsible for the development of very high performance business applications including the majority of the Fortune 1000.

## Corporate

### Headquarters:

Boulder, Colorado

### Global Locations:

United States

France

Germany

Italy

United Kingdom

### Year Founded:

1989

### Products:

Rogue Wave Hydra Suite

- HydraSCA
- HydraExpress
- HydraSDO for XML
- HydraSDO for Databases

SourcePro C++

Stingray

HostAccess

### Technology Partners:

IBM

Intel

AMD

Microsoft

HP

Sun

Red Hat

Gemstone

## The High Performance Tradition Continues

Rogue Wave Software has helped thousands of enterprise customers worldwide develop, extend, optimize and integrate data and applications. Rogue Wave Software has consistently delivered industry leading products like SourcePro® C++ for high performance C++ application development, Stingray® for Windows GUI development, and many more. Today, top developers at some of the world's leading companies rely on Rogue Wave products to develop mission critical applications. The tradition continues with the introduction of Rogue Wave Hydra, as well as formal and self-paced knowledge transfer programs delivered by Rogue Wave Software consultants and certified partners.

## The Rogue Wave Software Family



### Rogue Wave Hydra Suite

The Rogue Wave® Hydra Suite is a unique set of products designed to bring the power of concurrent computing to existing applications. With Rogue Wave Hydra Suite, enterprise applications run faster on multi-core hardware to deliver a significantly lower total cost of ownership compared to traditional infrastructure.

- **HydraSCA** is a SCA runtime that enables application developers to quickly increase performance and scalability of an individual service or a globally distributed application with many concurrent services – all without requiring special development expertise.
- **HydraExpress** provides a framework for developing and hosting high performance C++ Web Services, including advanced XML, SOAP, and WSDL productivity C++ tools for transforming new and existing C++ applications for use in Service Oriented Architectures.
- **HydraSDO™ for XML** is a Data Access Service for exceptionally fast parsing of XML data with in memory shared data between tightly coupled Java and C++ applications.
- **HydraSDO™ for Databases** provides simple and easy access to relational databases in both conventional and Service Oriented Architectures.



## SourcePro® C++

The most trusted foundation to build enterprise C++ applications, SourcePro C++ is a set of cross-platform development components complete with documentation, source code and support.



## Stingray®

Proven and easy-to-use, Stingray® provides the graphical components needed to mimic the look and feel of Microsoft® applications, facilitating the creation of effective custom user interfaces.



## HostAccess®

HostAccess® offers a suite of terminal-emulation products that provide Windows users secure access to legacy, host-based applications, as well as the ability to transform the interface of existing application using a browser or any ActiveX supported containers.

# Rogue Wave® Services

## Consulting Services

Professional consulting services assist in any Rogue Wave Software product implementation and help ensure the success of SOA, SCA, and transition to multi-core processor projects.

Rogue Wave® Consulting Services offer software optimization solutions for critical enterprise applications. Our staff of experienced, knowledgeable consultants works closely with our customers to ensure they get the most from these solutions and maximize your ROI.

## Training Services

Knowledge, expertise and efficiency are the results of expert training. Rogue Wave® University training courses ensure that professional developers have the capability to fully leverage their technology investment. Our training experts specialize in teaching interactive, hands-on courses (either onsite or in our classrooms) to help organizations gain expertise in Rogue Wave Software products and concurrent programming principles.

New York's largest investment companies rely on Rogue Wave Software to help power their mission-critical business systems.

*Crain's New York Business, Book of Lists 2005*

# Software Pipelines

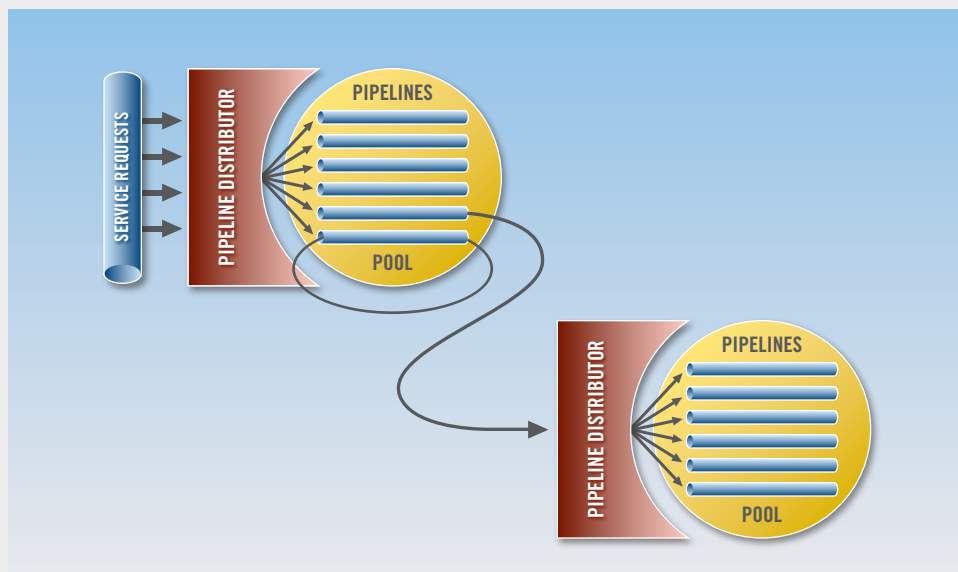
The fundamental concept of concurrent processing is simply stated: Given a series of tasks to perform, divide those tasks into discrete elements, some or all of which can be processed at the same time on a set of computing resources. But while the idea is simple, the details are often complex.

Software Pipelines is a scalable, flexible architecture for implementing concurrent processing to increase application performance for business transaction applications. The Software Pipelines development methodology supports the decomposition of business processes into specific tasks which are then executed in parallel to deliver incredible application scalability. Software Pipelines provide an easy method to control the exact distribution and parallel execution of various components of a business process. It is specifically designed for enterprise applications, particularly those that use a service-oriented architecture, where order of processing matters.

Software Pipelines provides the professional developer with the framework needed to achieve highly scalable applications for business, while maintaining critical transaction and integrity requirements.

## Software Pipelines

Software Pipelines are front-ended by a pipeline distributor that routes service requests



A QUOVADIX DIVISION



USA 1-800-487-3217  
www.roguewave.com

FRANCE +33 (0)1 30 09 78 78

GERMANY +49 (0)6103 59340

UK +44 (0)118 9360710

Copyright © 2007, Quovadx, Inc. All Rights Reserved. Quovadx, Rogue Wave, and HydraSDO are registered trademarks of Quovadx, Inc. All other trademarks are the property of their respective owners.