



# Rogue Wave® Hydra Suite

Experience the Power of Performance... the Rogue Wave Hydra Suite

Organizations building high performance business applications are faced with significant challenges in today's environment:

- Achieve significant performance and scalability increases
- Cut costs and preserve existing technology investments
- Address the “Multi-core Dilemma” – many enterprise applications will not scale effectively on multi-core hardware without re-writing

The Rogue Wave® Hydra Suite is a unique set of products designed to address these challenges. Bringing the power of concurrent computing to existing applications, the Rogue Wave Hydra Suite enables your applications to run faster for significantly less money than you are spending today.

The Rogue Wave Hydra Suite supports Software Pipelines, an architecture and methodology that enables the development and deployment of high performance, scaleable SOA-based applications. Software Pipelines increase performance and scalability by enabling parallel processing of business services within and across servers, while preserving critical business rules such as order of processing. With the Rogue Wave Hydra Suite, IT organizations can:

- Move forward with their SOA strategy without the risk of performance or scalability bottlenecks.
- Enable the entire development team to use concurrent processing to deliver high performance, dependable software services.
- Dramatically improve performance of existing applications regardless of any predetermined programming language or infrastructure without requiring extensive re-coding.
- Dramatically reduce datacenter costs with software that runs efficiently on multi-core processor servers by requiring fewer servers, lower power consumption, and reduced administrative effort.
- Implement key SOA architectural standards including Service Component Architecture (SCA) and Service Data Objects (SDO).

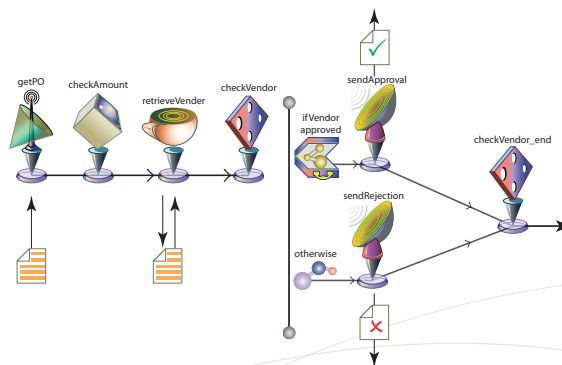
## Rogue Wave Hydra Suite

The Rogue Wave Hydra Suite provides significant scalability and performance improvements. HydraSCA, HydraExpress, and HydraSDO™ data components are designed to deliver the agility and flexibility benefits a SOA inherently provides, without sacrificing the high performance businesses require to remain competitive.

High-performance products available in the Rogue Wave Hydra Suite are:

### HydraSCA

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. HydraSCA weaves together business logic, execution, and



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

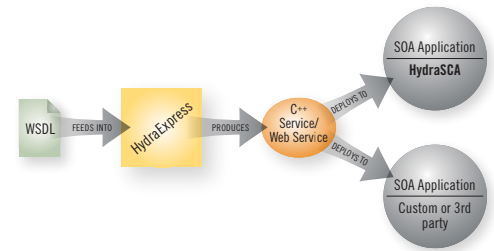
- *Crain's New York Business, Book of Lists 2005*



interaction of services in a distributed environment without requiring a central integration point. HydraSCA leverages the Software Pipelines architecture to provide a highly scalable yet flexible approach for implementing concurrent processing of business transactions while still ensuring order of processing.

## HydraExpress

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™ Data Components

HydraSDO data components automate the creation of high performance, service-oriented data services in Java and C++. Any data format can be made available as lightweight, independent, and decentralized data service through the Service Data Object (SDO) API, the only industry standard data access in SOA.

- **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.

## The Complete Solution - 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.

## About Rogue Wave Software

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. Rogue Wave Software operates throughout the United States, Europe and Asia.



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