RECURSION
SOFTWARE, Inc.

Pervasive just became a whole lot easier

Voyager is a pervasive software platform that saves time and money by solving mobile fragmentation issues and providing server-level intelligence to wireless devices. No other development platform offers a single set of APIs for today's most relevant OSs, services, and devices. And no other company delivers Recursion's unique combination of vision, innovation, and mobile expertise.

VOYAGER®

INTEROPERABILITY ACROSS PLATFORMS & LANGUAGES

No longer limit your market size by designing software to the device. Voyager allows developers to code applications and services in the language that makes best sense and interoperate across today's most relevant mobile, embedded and enterprise platforms. Implementing Voyager future-proofs application development and expands your application's reach beyond the web to sensors and embedded devices.

UNIVERSAL SERVICES & BUSINESS OBJECTS

Voyager provides a universal service or business object abstraction layer that allows for the hosting of application data on any device, from mobile phones to desktops to servers. These services can be shared amongst dynamically assembled communities of devices, enabling a new class of truly innovative next-generation applications.

OPERATING SYSTEMS
Android
Apple iPhone
Apple MAC
BREW
Linux (all)
JavaFX Mobile
RIM BlackBerry
Symbian
Unix (all)
Windows Mobile, CE, XP, Vista
15 embedded operating systems

VIRTUAL MACHINES
Dalvik
JSE
JME-CLDC, CDC
Mono
.NET CLR, Compact Framework
OSGi Containers

LANGUAGES
Java
.NET Languages
C++

NETWORKS
CDMA
GSM
IPV4, IPV6
UWB
Wi-Fi
WiMAX
Wired

USE CASES

Mobile, P-2-P Collaboration	Mobile Social Networking	Intelligent Shopping
CRM Mobility & Extensibility	Intelligent Sensor Networks &	Active RFID
Distributed Knowledge	Edge Processing	Emergency Alert
Networking	Multiplayer Ad Hoc Gaming	DHS First Responder
DoD Mobile Training & Simulation	Home, Car & Phone Networking	

> " ... a typical development cycle, porting and testing can consume from 40 to 80 percent of your time, depending on your level of experience and on the number of devices you need to support. "   [DevX Magazine]

DECENTRALIZED EDGE PROCESSING

Voyager's scalable architecture, peer-to-peer and peer-to-group application messaging, and advanced rules engines turn every device into an intelligent client **and server** that can process data into knowledge in near real-time apart from the enterprise. The advantages of this approach versus a web application are many: no single point of failure, processing of data and filtering of noise at the source, improved performance, high scalability, and persistence without a wireless connection.

P-2-P, P-2-GROUP APPLICATION MESSAGING

Voyager is a true peer-to-peer and peer-to-group platform that allows ad hoc, location-aware community-based collaboration. Individuals can discover, share and distribute files and messages to a dynamically assembled community of devices. P-2-P avoids performance lag, scalability issues and downtime risk, while offering unrivaled next-generation collaborative and mobile social networking capabilities.

CONSULTING SERVICES

EDGE TO ENTERPRISE
Recursion Software can provide assistance with architecture, design, development, integration, testing, rollout and optimization of your application from the enterprise to the edge.

Our engineering consultants are experts in architecting mobile and distributed systems using a variety of technologies and languages.

OUR APPROACH
Our engineers blend with your company's development staff to form one seamless, highly experienced team resulting in a smooth and successful project.

Recursion will work with you to develop a detailed Scope of Work with concrete deliverables for each milestone and the overall project within your budget and delivery requirements.

AT YOUR SERVICE
Recursion will enable you to deliver projects that are cost-effective and efficiently managed, freeing up your internal resources to focus on more strategic project issues and processes.

RECURSION
SOFTWARE

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