



Mobile Solution

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Over the last 3 years, Prescient International and its staff have been heavily involved in deploying wireless and mobile solutions specifically for two major verticals, Financial and Health Services. Much of this work has been tendered in several functional and technical capacities including business strategies/solutions, systems integration, systems architecture, and application development enabling efficient communication, utilization, and management of data. Prescient is committed to integrating business operations with the latest in wireless technologies in order to provide scalable, reliable, highly available and secure solutions that raise efficiencies across the enterprise. Thereby making corporate content and business processes portable and mission-critical content accessible for an organization's business partners, customers and/or employees.

Prescient is committed to providing mobile solutions, which is based on our long-term experience of Internet, networking and data communication. Building on this Prescient can provide unique expertise in the next generation wireless technologies such as WAP, SMS, GPRS, Bluetooth, and 3G. Prescient exhibits all the attributes that a corporation would like to see in an investment; it is an established, high growth, technology business with first-class management and the potential to expand internationally.

The new generations of mobile communications equipment combines fast, broadband mobile access with Internet Protocol (IP) based services. This means that your organization can now carry out business functions on mobile devices that previously could only be conducted using a desktop. The wireless revolution has been happening all around us for more than a decade, cell phones, Personal Digital Assistants (PDAs) and Tablets are evolving into information appliances that combine voice with data, send and receive faxes and email, browse WebPages, and serve as personal organizers. Taking network access and e-commerce – heretofore confined to the home and office – out into the world where its audience can participate anytime, anywhere and anyhow.

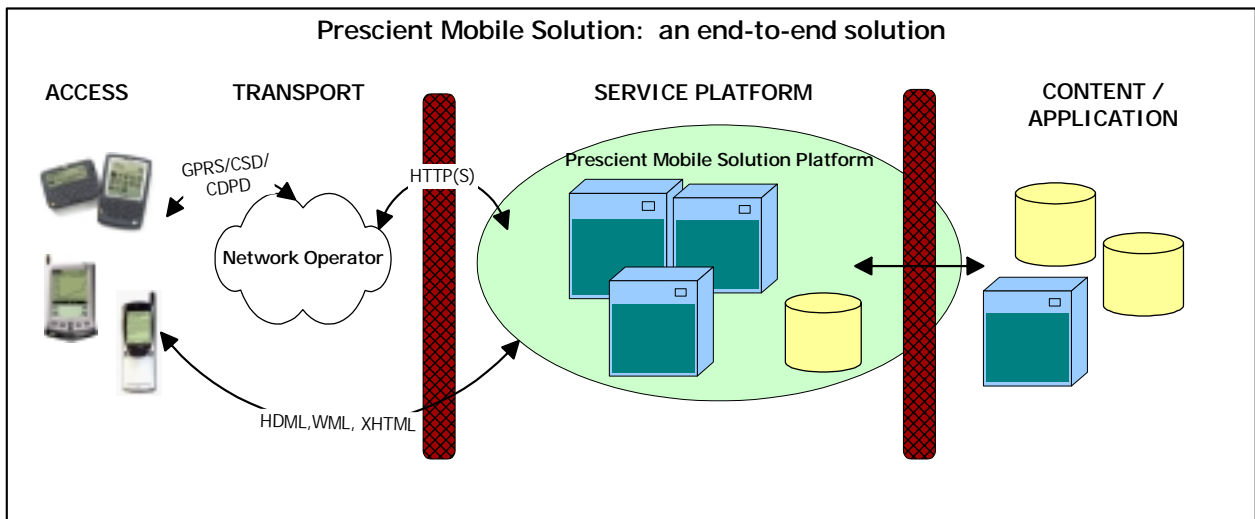
One thing is for sure; Prescient will be wherever the future takes you. Prescient is committed to integrating business operations with the latest in wireless technologies by providing secure mobile solution that raise efficiency across the enterprise. We offer expertise in business solutions, system integration, system architecture, security and application development enabling efficient communication, utilization, and management of data. We enable secure mobile access to business data, making corporate content and business processes portable and accessible anytime, anywhere and anyhow. Thus, making mission-critical content accessible for organization's business partners, customers and employees while still maintaining the integrity and confidentiality of the data being exchanged.

Wireless technology provides unlimited opportunities for business growth and its benefits are being realized in many industry verticals, and Prescient is dedicated to delivering solutions in the following sectors:

- m-commerce including: B2C, B2B, C2C, and P2P
- banking and brokerage
- gaming
- enterprise messaging
- corporate services

- health and medical services
- customer relationship management
- location-based (remote) services
- information on demand

Most companies are simply selling a vision for mobile business. Prescient delivers a real, end-to-end secure and flexible mobile business solution, which is scalable and built using a distributed component-based architecture and advanced Internet technology and standards of XML, XSL, and Java. Prescient's Mobile Solution redefines the wireless web experience enabling relevant, rich content and services to mobile customers, partners and employees on the broadest range of wireless devices.



Benefits

Prescient Mobile Solution delivers powerful business advantages by:

- Simplifying navigation that optimizes business applications for any device and personalizes content for all users.
- Decreasing site administration costs by automatically optimizing content by device and bandwidth and through GUI administration tools.
- Providing consistent customer experience across channels by leveraging the same data, business rules, and services.
- Maximizing employee and worker productivity with access to needed enterprise data while away from the office and in remote sites.
- Reducing paperwork significantly and increasing worker productivity and profitability.
- Strengthening content relevance, through the targeting of location-driven content by making use of built-in intelligence to determine content delivery and content type, based on the user's location.
- Creating a seamless cross-channel experience based on analysis of users and usage patterns, device usage, and transaction data to get an accurate view of users across the mobile and web channels.

- Furnishing rapid time to market wireless solution—Prescient brings its proven quick time to market to the mobile space, extending your business to deliver existing applications and new services.

Features

Prescient's Mobile Solution enables you to advance existing and new business applications to the mobile world through the use of:

User Personalization

- User-focused catalogs and pages so that users can tailor their mobile experience.

Device Optimization

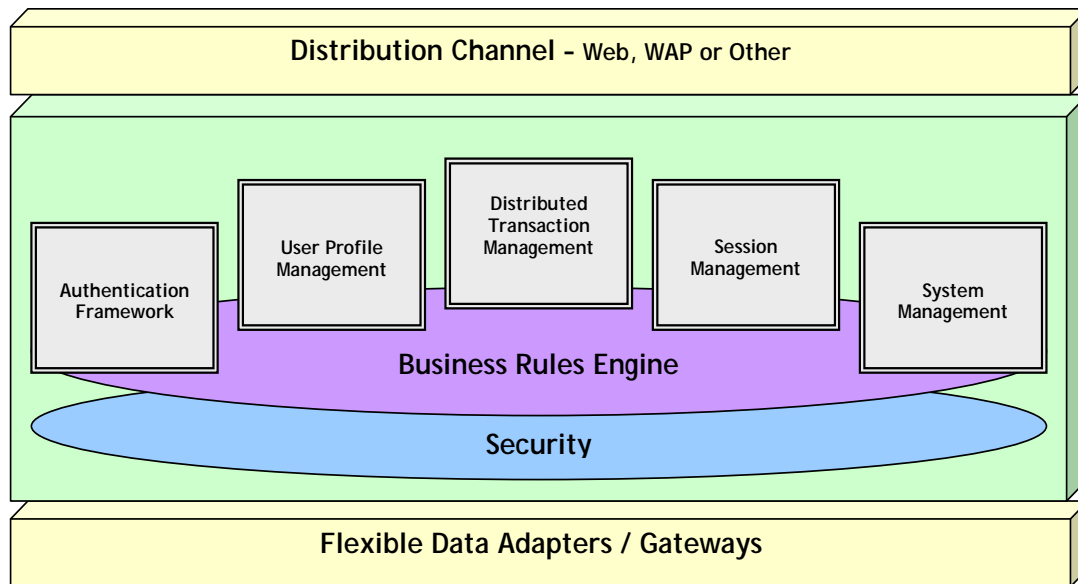
- Automatic optimization of content based on the device's form factor, bandwidth, and mark-up language.

End-to-End Security

- Ability to provide the full range of levels of security, in order to ensure the confidentiality and integrity of data.

Open Standards Support

- Reliance on open and well-established standards such as: XML, XSL, WML (Wireless Markup Language), WAP (Wireless Application Protocol), HTML, and SMS (Short Messaging Service).



Mobile Enablement Services

As part of the Mobile Solution, Prescient has defined a complete set of mobile enablement services, which can satisfy the unique requirements of your organization.

- *Network Services* provide efficient, cost-effective, and reliable communication support for mobile users enabling access to enterprise data or other external services.
- *Mobile Device Support* enables a wide variety of mobile devices and their unique characteristics.
- *Mobile Enablers* support disconnected operations, bandwidth optimizations, and content adaptation.
- *System Management* addresses the unique requirements of the mobile environment in the areas of software distribution, configuration management, availability, and reliability.

Network Services

The basic network protocol supported by mobile enablement is TCP/IP (or IP for smaller devices). Several components of the Mobile Solution's network infrastructure provide unique mobile support.

Internet and intranet access beyond traditional analog telephone or LAN connectivity is provided by the Mobile Solution as more and more users are accessing information using their mobile devices as speeds improve, coverage increases and costs decrease. A variety of wired and wireless protocols including short messaging and pager protocols provide data access anytime and anywhere. Wireless solutions require a "gateway" for protocol conversion, in order to access and connect to the Carriers' network. Enabling existing TCP/IP applications to run unchanged over wireless networks is a key capability provided by Mobile Solution.

Security threats are inherently greater for the mobile user requiring a strong set of security services to defend against these intrusions. The Mobile Solution's security services provide functions for authentication (device, user and server) and encryption (data confidentiality and data integrity) to address these threats.

Mobile enhancements to TCP/IP will provide improvements for management, security and roaming capabilities for the mobile user. Enhancements supported by the Framework include DHCP and dynamic DNS updates, Ipv6, IP security, and mobile IP support.

Mobile Device Support

The convergence of computing, telecommunications and consumer electronics is causing a tremendous growth in the number and variety of mobile computing devices. This layer of mobile architecture enables the multitude of emerging devices including laptops, sub-notebooks, tablets, handheld computers (such as PDAs and companion devices) and mobile appliances (such as smartphones, pagers, simple messaging devices and wearable devices) to connect to Prescient's Mobile Solution Platform. Examples of key client platforms include mobile Java devices, Palm OS, Psion, Zaurus, and suite of MS Windows OS.

Mobile devices support a variety of multi-modal interfaces including traditional keyboard and mouse interfaces, small text screens, pen, touch screens, speech recognition, text-to-speech, and other emerging technologies such as wearable devices. The Mobile

Solution Platform enables the development of applications written for these different devices and interfaces.

In many environments, mobile users/workers require two or more client devices to support their activities. As a result, users/workers must be able to access applications and data in a consistent and natural manner from multiple clients through various network connections. For example, calendar information must be consistent whether it is accessed from a LAN-attached laptop or wireless tablet. The Mobile Solution Platform enables applications to dynamically adapt content based on the capabilities of the client device, the characteristics of the communication link, and/or user preferences.

Mobile Enablers

Mobile computing, with its remote and bandwidth constrained connections and disconnected operations, makes application and data access more challenging. Users/workers must remain productive even when they are not connected to the network. For example, users/workers must be able to browse access calendar information and other desktop productivity applications. When mobile users do connect to the network, they must be able to access enterprise applications, synchronize their local data with the server, and receive updates from the network in an efficient manner. The Mobile Solution Platform provides a set of mobile services to help both existing and new applications address the unique challenges and requirements of the mobile environment. These services support disconnected operation, bandwidth optimization, and dynamic content adaptation.

System Management

Mobile computing usually requires additional systems management support because users are remote and often disconnected. For example, a new software distribution may need to wait for a suitable connection and the end user must be aware of its availability and importance. Specific mobile enhancements to systems management include:

- Receiving SNMP information (alerts) from mobile devices and taking appropriate actions.
- Viewing and managing device and connection status. This is of particular importance for wireless devices, which are inherently more complex to manage.
- Viewing and managing the inventory of users and devices including their current location.
- Supporting client software distribution via “push” or “pull” models.
- Configuring and managing devices and device profiles, agents, proxies, user and group mobile preferences, and security access information.
- Administration and logging of all activities in order to provide a non-repudiating chain of events for audit purposes.