Mobile Systems

Overview

Business activities are not limited to your offices. Your field staff needs to capture data remotely and bring it back to their office for entry into your computer systems. There remains great potential for error with these paper-based processes, resulting in data transcription errors, slow information dissemination, and high variances in the quality of the data. Moreover, staff need to be able to work remotely to be effective. The inability of mobile workers to access critical information resources remotely is an enormous disadvantage.

By automating field paper-based processes and enabling your mobile staff with automated business data and process support, significant advantages are achievable. These include improved efficiency, cost and timesavings, and increasing the return-on-investment (ROI) already made in enterprise systems.

Making IT Work. Together.

SPS can extend your existing enterprise IT systems to mobile devices, and build new mobile applications to provide the functionality required to support your mobile workforce. Our mobile applications consist of readily customizable automated questionnaires and checklists that guide the user through the data collection process and structure the information collected. This process ensures that the data collected remotely is complete and correct and enables the seamless and error-free synchronization of this data with the back-end enterprise systems.

How SPS Works for You

We meet with our customers to understand their mobile solution requirements and analyze these requirements to provide a recommended solution that will meet both their business and technical needs. Our analysis includes our approach for providing Business Case Evaluation, Business Process Reengineering, and Prototyping to demonstrate technical feasibility. Our services include Mobile Systems Development, Legacy/Enterprise Systems Integration, Mobile Hardware/Wireless Infrastructure Evaluation and Selection, and Deployment and Training.

For new requirements, SPS develops robust, scalable, and secure applications in a mobile computing and wireless environment that enables the transmittal and synchronization of sizable data in real-time. For customers with complex business processes, currently supported by computer systems and requiring access to existing information to complete their field business process, SPS extends the functionality of these existing computer systems to mobile devices.

SPS provides government agencies a means to achieve a significantly higher return on their IT investments and at the same time get, from years of development and production, a superior quality product with reduced risks through the reuse of existing GOTS systems. SPS can extend the functionality of these GOTS systems to mobile devices and

CLIENT BENEFITS

- Proven mobile application framework to jumpstart your mobile application efforts, resulting in cost and time savings along with reduced risks.

- Our architecture provides for rapid deployment, low total cost of ownership, and the flexibility to accommodate changes easily.

- Experience in developing mobile solutions for secure, wireless environments with the ability to transmit large volumes of data in real time.

Additionally, SPS provided mobile solutions will offer:

- Instant access to business information remotely;

- Seamless integration with enterprise systems;

- Improved data quality and information flow for field processes; and

- Improved efficiency and enhanced service.

customize them to meet your agency and project specific requirements.

We accomplish this through our proven technical approach based on Reuse and Extension. These principles enable a cost-effective, efficient, and low-risk solution for implementing mobile systems, while

reducing long-term maintenance costs and lowering overall cost-of-ownership.

SPS's technical architecture allows us to maximize use of current mobile technology to achieve solid business benefit, while remaining flexible enough to allow different mobile devices in the future, expansion of services, and expansion to web or portal systems. A great strength of our mobile architecture is that web services are unaffected by the underlying platform and supports both .NET and Java-based architectures.

> *"One of the recent and significant delivery channels is mobile and wireless networks and the related technology leading to a new era of mobile government (m-government) services and business models. It is now inevitable for e-government professionals, practitioners, and researchers to acquire necessary skills to face the new move towards m-government."*
>
> —*International Conferences on Mobile Government,*
> *http://www.icmg.mgovernment.org/*

ABOUT SPS

Software Performance Systems, Inc. (SPS), a small business based in Northern Virginia, is a privately held full-service information technology services provider. Established in 1995, SPS specializes in the design and integration of sophisticated web-based enterprise solutions for both the US Government and worldwide commercial clients. SPS has been honored with many national awards, to name a few: #10 ranking in the Computerworld Top 100 Best Places to Work in IT, Deloitte's Virginia Technology Fast 50 and North America Technology Fast 500, Excellence.gov Grand Prize Winner, E-Gov Pioneer Award, and SBA — Exporter of the Year. **SPS. . .proven over time.**

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