

Mobile Business Solutions for the Real World

In business, enterprises needing to mobilize mission-critical processes and applications require a solution that addresses the real-life issues involved in the execution of day-to-day operations. Abaco's Atoma Mobile Enterprise Framework enables enterprises deliver solutions that address these real business problems. Through a compact, multi-faceted device framework, robust synchronization engine, and suite of administration tools for device, data, and application management, Atoma brings your enterprise mobile strategy to reality.

Open Architecture for Mobile Business Solutions

Atoma's standards-based architecture is designed to support large numbers of mobile devices, enable ease of integration with third-party systems, and provide speed and efficient use of the limited resources found in mobile devices. The J2EE-based server-side architecture works in concert with all prevalent application servers and supports the use of standard object programming models for logic encapsulation and business rule reuse.

Atoma's client-side architecture supports both Java and native language-based operating environments and ensures a small memory footprint, efficient power consumption, and ability to interface with any peripheral supported by the device.

Transactional Synchronization and Data Piping

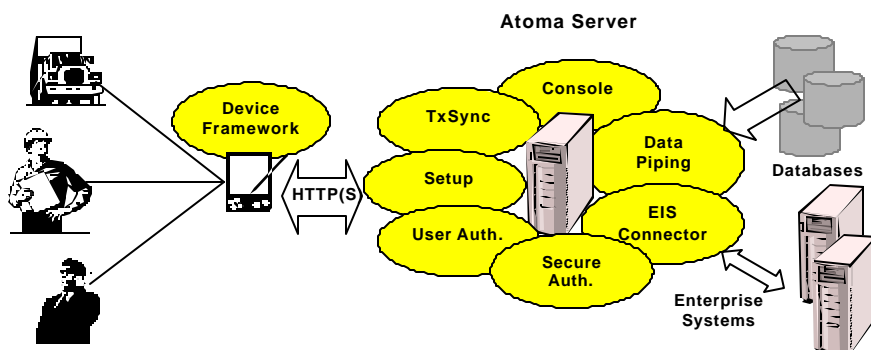
Atoma's Transactional Synchronization (TxSync) ^{Patent Pending} provides a fully integrated, robust mechanism for asynchronous transaction execution between client devices and enterprise systems. TxSync ensures that offline transactions generated by disconnected mobile users are reliably executed in the enterprise, and that user devices are updated with the latest data, application upgrades, and device configuration changes designated by the system administrator.

Atoma's Data Piping ^{Patent Pending} engine efficiently provides mobile enterprise users with user, role, or location-specific data for information access while disconnected from a network, and allows developers to create and manage data so that enterprise users receive only the information they need, when they need it.

Deployment, Management, and Support

Some of the greatest challenges in deploying a mobile solution lie in the operational and administrative aspects of the implementation. Atoma excels here by providing management tools that dramatically reduce the support costs and effort related to a mobile deployment. Automated device setup and configuration out-of-the-box over the network, and centralized updates, management, and support for users, devices, and applications are enabled via Atoma's robust, easy-to-use, web-based Console. Users, management, and operations staff alike will appreciate the simplicity in solution maintenance.

- **Enables connected and disconnected applications for continuous worker productivity regardless of network status**
- **Complies with leading standards such as J2EE, XML, SOAP, HTTP, and Web Services for maximum interoperability and platform independence**
- **Extends web infrastructure and security model to mobile devices**
- **Provides automated deployment, version control, remote administration, management, and support**
- **Enables advanced data management via Data Piping and TxSync transactional synchronization**
- **Integrates tightly with SAP and other ERP systems via Web services.**
- **Supports Java, eVB, eC++ and .NET CF mobile applications for maximum flexibility**



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