



KALIGNITE[®]

software platform

The Kalignite Software Platform is the core of an advanced suite of software for ATMs, kiosks and branch teller systems. Based on the industry standard, XFS, it offers unparalleled functionality and robustness across a whole range of retail banking customer touch points. Applications built upon the solid foundations of Kalignite are web-enabled and multi-vendor as well as being extremely robust and reliable.

A solution built on Kalignite is...

Features	Business Benefits
<ul style="list-style-type: none"> Fully multi-vendor Based on XFS – the financial industry software standard (KAL is a core and active member of the governing committee for XFS). Integrated and certified to run on ATM hardware from 23 different vendors Seamlessly integrate new software into a number of ATM switch network environments such as NDC, IFX and ISO 8583 and easily customize for proprietary protocols. Designed and developed to take advantage of web technologies such as HTML, TCP/IP, and XML. 	<ul style="list-style-type: none"> ✓ <i>The freedom to choose the best hardware platform keeps costs to a minimum.</i> ✓ <i>KAL has a long-standing and strong commitment to the XFS standard. KAL guarantees its software will run on ATMs from vendors in every region of the world offering our customers the largest selection of hardware systems.</i> ✓ <i>Support for numerous ATM host protocols provides a true, seamless migration path from today's "states and screens" to tomorrow's open systems.</i> ✓ <i>Support for web technologies such as HTML, TCP/IP, XML provides rich user interfaces, rapid software development, timely and easy to manage software updates.</i>

Kalignite – a well proven software platform

Features	Business Benefits
<ul style="list-style-type: none"> Installed on approximately 20,000 systems world-wide Over 80 unique applications based on Kalignite (some written by KAL, most written by our partners and customers) Complete range of self-service installations including cash dispensing, check cashing, bill payment and many other types of solutions 	<ul style="list-style-type: none"> ✓ <i>Our extensive base of installed systems running Windows / XFS / Kalignite software attests to our commitment to the industry and our success in deploying multi-vendor ATM software for many years.</i> ✓ <i>Kalignite customers have an extensive library of solutions and software providers from which to choose.</i> ✓ <i>The large range of Kalignite applications proves the versatility of the platform. All are complex and feature-rich, and include a variety of transaction types in numerous industry sectors.</i>

Kalignite - an extensive, intuitive development environment

Features	Business Benefits
<ul style="list-style-type: none"> • Kalignite provides a simple, consistent and intuitive interface to devices • Complex functions are handled using concise commands. Full device status and capability information are easily obtained. • Kalignite includes a full complement of high-level business objects available for re-use in applications. • Comprehensive device 'simulators' are included for all types of peripheral devices. • Kalignite includes a Forms Designer utility to easily create XFS forms for receipts and other print media. • Create web-enabled, XFS applications on all Windows Platforms including NT, 2000, XP, XP Embedded and CE.NET. 	<ul style="list-style-type: none"> ✓ <i>Kalignite enables rapid development of new transactions, features and entire applications.</i> ✓ <i>Device 'simulators' allow teams to develop and test business logic and complex error conditions without the need for the real ATM hardware.</i> ✓ <i>Through support of general-purpose development tools rather than proprietary environments, developers can choose the most suitable programming language for the task at hand.</i> ✓ <i>Kalignite systems are component-based providing our customers the freedom to choose to use some or all of the Kalignite Software Platform.</i> ✓ <i>Kalignite controls can run in a web service allowing system managers to view state-of-health information remotely.</i>

Kalignite - a robust runtime environment maximising availability

Features	Business Benefits
<ul style="list-style-type: none"> • Software Download and installation support allows updates to be remotely installed without user intervention with roll-back on failure. • Automatic regular reboot, without interrupting customer service. • Kalignite 'Watchdog' ensures that all processes continue running as normal. • Extensive internal and application consistency checks protect from software errors. • System Monitor provides automated reporting about state-of-health including devices. • Kalignite Alert offers 'pluggable' transport mechanisms for remote monitoring data. • Trace Viewer utility enables detailed off-line and live remote analysis of application behavior. 	<ul style="list-style-type: none"> ✓ <i>Software Download removes need for physical visit to install base and maximizes uptime by roll-back protection.</i> ✓ <i>The 'automatic reboot' feature prevents gradual eroding of the system and consequently prevents potential problems thereby maximizing system availability.</i> ✓ <i>Kalignite's pluggable Alert and System Monitor allow choice of server-side monitoring solution.</i> ✓ <i>Kalignite's Trace facility allows rapid diagnosis and resolution of software and hardware problems both in development and live environments.</i>