

Tacit Solutions' Core Competencies

Host Development Platforms

Tacit has developed software on multiple platforms and operating systems for 15 years. We support applications on platforms utilizing HPUX, AIX, SCO Open Server, SCO Unixware, Linux, Windows NT and Windows 2000.

Application Development & Legacy Migration

At the heart of Tacit Solutions is our ability to develop quality custom applications using internal and/or industry standard software development tools and environments. We have tremendous experience in moving legacy applications to contemporary developments environments. Over the years, using C, C++, and now C#, Tacit has developed extensive system and object oriented libraries that use vt220, 3270 and 5250 terminal emulation for the development of mobile applications on hand-held terminals in wireless LAN environments. Tacit has also developed many "thick client" batch and/or "store & forward" applications on mobile terminals using the Palm OS, Windows CE, Windows Pocket PC and Microsoft .NET for the Compact Framework. As new development environments have evolved, Tacit has kept current and devoted considerable resources in training. Tacit is fully competent to develop applications using Microsoft Visual Basic, Microsoft Visual C++, Borland Delphi, Borland C++ Builder, Metroworks for Palm, IBM Visual Age for AIX and Microsoft Visual Studio .NET for the Compact Framework. Internally, Tacit uses "Doxygen", Open Source software, for project documentation and "cvs" for source control".

Data Base Administration

Tacit is an Oracle Certified Data Base Administrator/Developer. We have the expertise to design, build, analyze and modify database schema based on customer requirements. Tacit has also developed a unique optimization toolset for tuning a customer's database by identifying queries that may require optimization, additional indexes or other criteria that may cause degradation in performance.

"Real Time" Wireless Solutions

Tacit is a full service integrator for mobile and wireless applications and is authorized to sell Cisco, Symbol and Intermec wireless LAN systems. Tacit has certified system engineers on staff who will design, survey and install the radio frequency backbone as well as a staff of experienced engineers in the areas of satellite, terrestrial wide area networks and GPS for field based applications.

Networking & Network Security

Tacit's certified network engineering staff has years of experience in designing and implementing networks and network security solutions. By leveraging the latest in wireless network solutions customers can proactively monitor RF bandwidth, speed/response time, provide trend analysis for anticipating failure points and alerts to network administrators in hard failures on the network. Tacit also keeps fully abreast of all the latest methodologies applicable to network security, especially as they apply to wireless networks.

RFID

Tacit Solutions is a graduate of the "Alien Academy", a Certified Intermec RFID provider, and operates an independent RFID engineering laboratory for the testing of RFID labels and equipment. In the laboratory setting we use a high speed conveyor and various portal configurations to takes samples of the customer's product, and then quickly and simply, locate the optimal placement of RFID tags on cases and pallets. We use this data as a baseline during the pilot and implementation phases of a project and compare the best case results to those gained on-site in the operational environment. With this knowledge, Tacit can then rapidly design actual portals and tunnels containing the necessary attenuation and shielding required for optimal results.



RFID Engineering Laboratory Services Include

Tacit Solutions Inc.
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- Multi Vendor Reader Coverage Surveys
- Multi Vendor Tag & Tag Antenna Type Selection
- Optimal Tag Positioning & Placement Recommendations
- Tag, Reader & Antenna Baseline Reports
- Portal Design & Tuning Services
- Tag Reading & Writing Baseline Reports