

# Brazil IT Areas of Excellence

## BANKING

### **The Brazilian Banking System: a global reference in terms of technology and uses**

Brazil has one of the most secure and advanced financial systems, known primarily for the world class Brazilian Payments System, developed to reduce systemic risk of the Brazilian banking segment. Fully developed in Brazil, the BPS is a fully integrated system of settlement and payments infrastructure, which allows on-line transfer of funds among any financial institution anywhere in the country with security and reliability. In Brazil, all checks deposited are cleared within 24 or 48 hours, all bank transfers over US\$2,000 are done in real time and 80% of 30 billion annual banking transactions are made automatically (ATM, Web, phone, fixed and mobile). Brazil has 100,000 facilities where banking transactions are conducted, serving 74 million checking and 67 million savings accounts. With 19 million users, Brazil has one of the highest internet banking usage rates.

The Brazilian IRS receives 99% of tax filings over the Internet, using free software, available in Windows and Linux environment.



[www.brazil-it.com](http://www.brazil-it.com)

# HEALTHCARE

## **Healthcare in Brazil: Identification, information centralization, and better monitoring capabilities**

Brazil's healthcare technology providers are highly qualified to work as integrators for the growing number of Regional Health Information Organizations (RHIO) in the US. Brazilian health agencies have been actively promoting solutions that bring greater connectivity among doctors, hospitals, labs, pharmacies, insurers, patients and other healthcare institutions through application development, integration and management services. These solutions improve the quality of healthcare services by eliminating redundant diagnostic procedures, avoiding preventable complications, and reducing paper chart delays. The Brazilian government's SUS (National Health Care Management System) provides healthcare coverage for 80% of the Brazilian population, working as a regulation, billing and management system. The SUS treats about 1.2 million inpatients and 100 million outpatients per month, providing everything from immunization to heart transplants.

# MANUFACTURING

## **Manufacturing: Brazil IT supports one of the largest and fastest growing economies in the world**

The Brazilian economy—one of the largest in the world—has a considerable manufacturing sector, which depends on Brazilian IT companies for state of the art technology for process control, warehousing and distribution. Brazil is a leader on IT systems for the oil and mining industries, enabling the country to produce 100% of its oil consumption needs domestically. Brazil is also one of the biggest exporters of iron ore and has one of the world's most competitive steel industries. Brazilian subsidiaries of international companies (nearly 100% of Fortune 500 companies have operations in Brazil) use local companies to deploy SAP, Peoplesoft, Oracle, other ERP and SCADA systems, taking advantage of their in-depth knowledge of business processes and lower manpower costs. Brazil has several centers for excellence developing technology for telecom, robotics, optical devices, bio-technology, energy, conservation, as well as artificial intelligence applied to manufacturing.