

Sankhya provides a complete range of advanced software applications in mobile computing and communication technologies. Mobile computing applications provide secure, instant and any time, anywhere access to information. Leveraging on mobile computing applications is one of the crucial deciding factors for the success of any organization in order to serve customers better. Mobile computing is becoming de-facto standard for any IT infrastructure in the current and future system designs. Using, mobile computing applications, organizations enhance the certainty of business success.

Market Segments

Mobile computing applications reduce duplication of data inputs and provides instant information just-in-time. Sankhya offers secure and reliable mobile computing applications for the following verticals

- Airline and Railway Industries
- Transportation Industry
- Manufacturing & Mining Industries
- Distribution Industry
- Banking and Financial Institutions
- Insurance & Financial Planning
- Hospitality Industry

Technologies

Sankhya has expertise in various technologies in current Mobile Computing and continued to acquire the knowledge and expertise in emerging technologies in Mobile Computing and Communication. Sankhya has good working experience in the following Mobile Computing technologies,

- WAP
- Massaging
 - SMS
 - MMS
- DRM
- Bluetooth

Platforms

Sankhya develops Mobile solutions on various kind of devices like Palm, Nokia, Compaq iPAQ etc and built the complete expertise in the following Operating system platforms,

- Palm OS
- Linux Mobile
- Java (J2ME)
- Microsoft Windows CE
- Symbian OS

Databases

Sankhya develops database driven mobile applications both on client server or stand-alone application architecture. Sankhya can develop applications whci can use the following mobile databases,

- Oracle Lite
- Sybase SQL Anywhere
- Microsoft SQL Server CE
- DB2 EveryPlace



Mobile Computing Applications



Innovations for a SMART future

Mobile Computing Applications

Expertise in detail

Following are the range of mobile computing solution offered by Sankhya for various industry verticals.

Airline and Railway Industries

- Replace existing FCOM Manuals in the cockpit with PDAs or tablet PCs (Paperless cockpit)
- Take Load & Trim sheet to the tarmac on PDAs or Tablet PCs
- Use PDAs or tablet PCs for Grading in a Simulator Training environment
- Access reservation, flight schedule and ticketing information by busy travelers using handheld devices
- Virtual check-in for regular customers
- Airline Baggage and Cargo Control
- Flight arrival and departure information while traveling to the airport
- By airline maintenance staff - fueling and de-icing information and baggage handling information
- Easier, faster and quicker checking in of baggage by scanning bar-coded information from baggage tickets directly into a database
- Pen-based work order application using a wireless local area data network
- Airport Security and Monitoring

Transportation Industry

- Consignment tracking application
- Computer-Aided Dispatch (CAD) about real-time drop shipments or pickups
- Exact delivery time tracking for superior customer service
- Fleet management/maintenance information
- Traffic Control and Monitoring
- Mobile networks to provide two-way communication between fleet drivers and their dispatch centers or home offices
- Real-time Traffic Reporting
- Parking Management: Automatic Fee debiting/ Space Availability
- Real-time Passenger Information Dissemination (at Kiosks, Bus Stops, Road Signs, etc.)
- Command and Control of Vehicle Fleets: City Buses, School Buses, Cabs Services Vehicles, Airport Limo Service Vehicles

Manufacturing & Mining Industries

- Broad-spectrum networks to resolve LAN extension problems

- Portable computers in vehicles and in mines or on shop floors
- In-process Monitoring
- Real-time Asset Management: Tools, Materials, Parts
- Instant Purchase Verification, delivery Confirmation and Order Tracking
- Industrial Controls

Distribution Industry

- Warehouse Inventory Applications
- Route, accounting and distribution warehousing applications

Banking and Financial Institutions

- Wireless banking transactions - account balance, funds transfer, bill payment from a smart phone or handheld PDA
- ATMs wirelessly connected to handheld devices through Bluetooth
- Stock Trading
- Sales professional automation in the financial industry - enabling these professionals to respond to customer queries on the spot
- Credit card authorization on mobile POS terminals equipped with wireless adapters
- Wireless e-mail, instant messaging

Insurance & Financial Planning

- Current client portfolio information via wireless-connected devices
- Sales illustrations, created, printed and presented to customers on the spot
- Corporate data retrieval from the client's office or home
- Wireless E-mail Access for busy professionals

Hospitality Industry

- Hotel Reservation software
- Guest Check-in using handheld devices - PDAs, Blackberry and cellular phones
- Sales force automation
- Mobile POS

For global enquiries, Contact



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