

Portfolio



Digital Data Systems
integrated systems & Solutions

ISO 9001: 2008, ISO 27001: 2005





Our Mission

"We Walk the Talk"

We have always taken our responsibilities very seriously and we work hard to ensure that we walk the talk.



Our Vision

The vision of Digital Data Systems (DDS) is - To be the world's most valued 'Security' company in the region.

Each corporate, from the smallest outlet to the biggest enterprise needs to have a certain degree of fortification where it is supported by expertise and professionalism, DDS was founded on a very basic principle: Providing business of all sizes with high performance Technology systems at reasonable prices. DDS Policy maintains the highest engineering and business standard, which positions the company for solid future of growth and product revolution.

Our Value

- **Customer First:** We respond to customers quickly, courteously and effectively
- **Professionalism:** We inform autonomy and the opportunity to excel and to grow; support innovation and well-reasoned risk taking, demanding performance
- **Quality focus:** We make quality a value driver in our work: we do it that what we say, our products and our interactions. Do it "First Time Right"





Our Goal

The Company aims to enable global businesses become more effective through a combination of its IT, Communication and Engineering services – all tenets of sustainable ICT - Information, Communication and Technology.



Our ICT Team

Our ICT team is highly trained and qualified in both hardware as well as software. The aim to ensure that the services and products they provide assist you in the growth of your business and the same time save you effort and money. We believe that your success in information technology is primarily our commitment to excellence.

Our Product & Services

Our spotlight is in understanding our Customer's needs, partnering with Customers to identify the right Solution; suggest an implementation plan of the solution from our product portfolio or develop the solution in accordance to the need, implement the same according to the agreed plan, train and maintain the same, through-out its life-cycle, with the Customer.

We would be pleased to help you compose an appropriate solution, adapted to your specific situation. Moreover, you can always enhance and refine your existing systems to the growing needs of your Organization, with our extensive portfolio of software and hardware products.





Our Services

We provide quality services in the following IT areas in accordance to clients needs:

- Computerized e-Ticketing
- Security and Surveillance Systems
- Library Management & Book Theft Control System
- Auto Identification for security, immigration and border crossing.
- Software Development
- e-Commerce Solutions
- Hardware & Network Consultancy
- Production & QC Consultancy
- Development and Set up of MIS



Repairing & Warranty

- To minimize turnaround time and bypass the lengthy RMA procedures, Digital Data Systems has setup a local diagnostic and repair center in Pakistan offering repairs for all products it sell under the agreement and the know how backing of the manufacturers .
- In addition to standard manufacturer's warranty, Digital Data Systems also provides additional service agreements to its valued customers after the expiry of the manufacturer's warranty calling for immediate replacement of faulty units through a buffer stock and then replace it with the repaired unit to keep the systems running uninterruptedly





SWOT Analysis

What makes us different in the competitive market is our ability to understand client's need and accepting the challenges

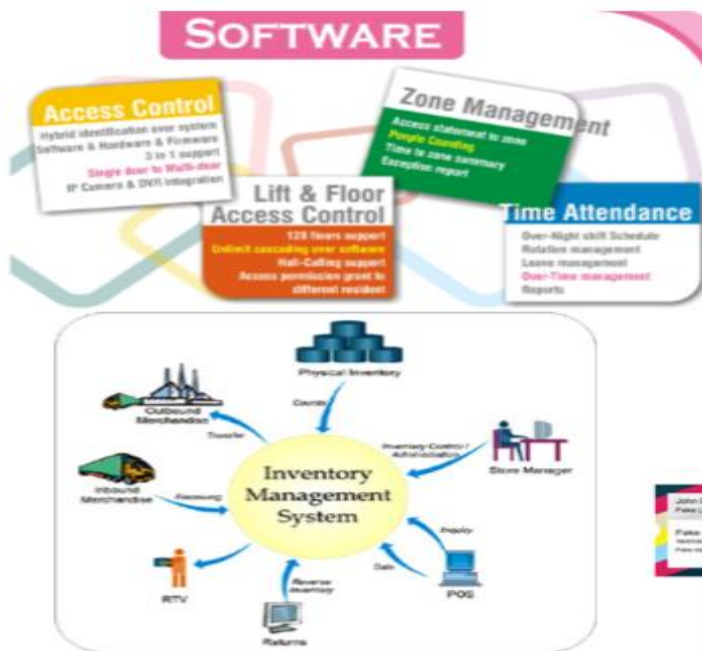
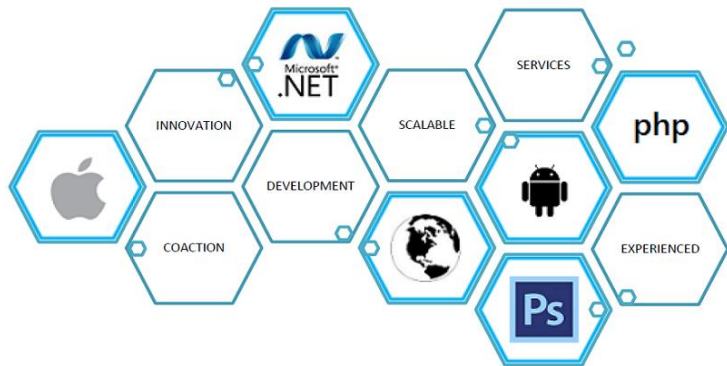




Software

Digital Data Systems can help you automate your business management by providing you with custom made software solutions. Digital Data Systems has separate software division that is dedicated to making personalized

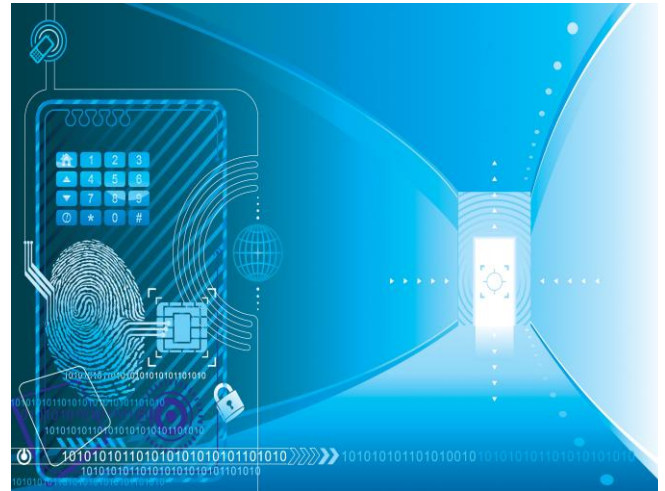
solutions. We study each company's method of operation first and then offer them a solution which fit best to their needs. Some of the areas we specialize include; Access Control Software, Time Attendance System, Inventory Management Software, Library Management and Book Circulation System with Theft Detection Solution and Payroll.





Access Control System

Policies, procedures, and physical components controlling passage in and out of facilities or areas, determining who belongs and who does not, and tracking movement in and out of controlled areas. An access control point can be a door, turnstile, parking gate, elevator, or other physical barrier where access granting can be electrically controlled. Typically the access point is a door.

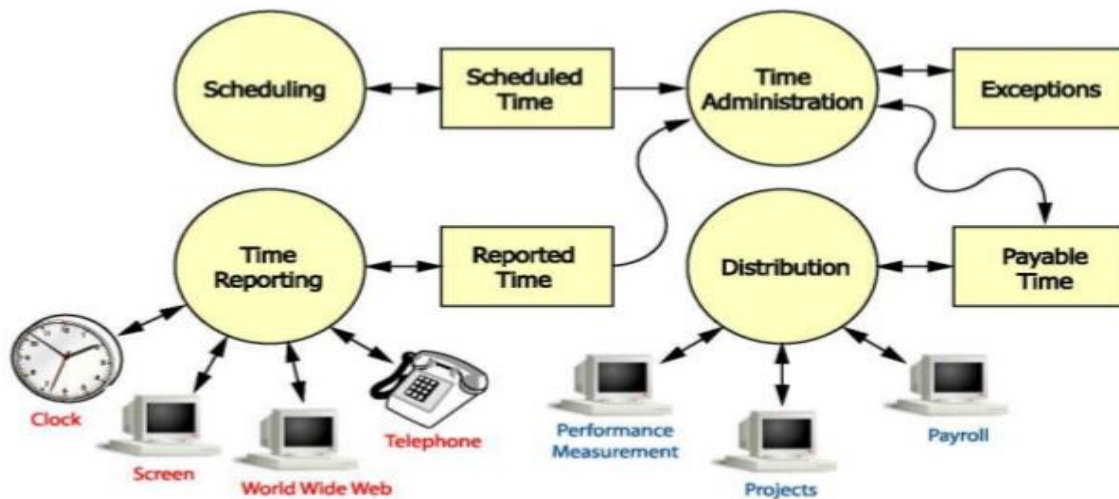




Time Attendance System



Time and Attendance System is an affordable software solution to allow you to record and track the attendance of employees. It can output simple easy to read reports that can be passed onto your payroll department, saving you hours of time you used to spend tallying up hand-written time cards or punch clock cards.



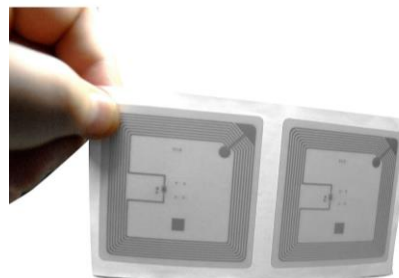
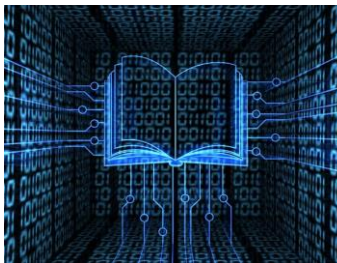


Library Management System with RFID

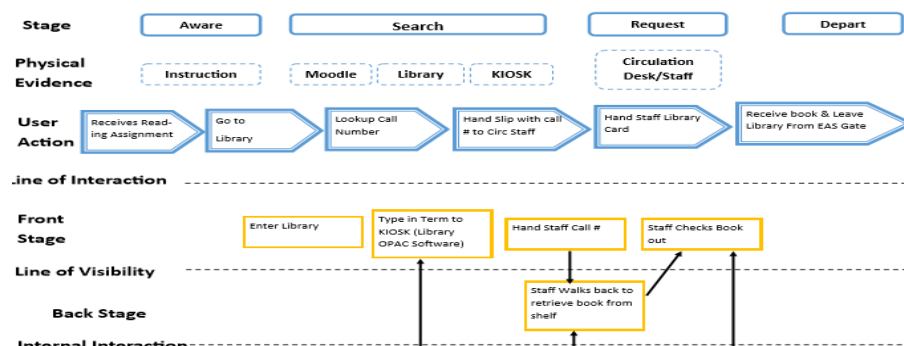
Theft from libraries is the crime of stealing books, DVDs or other media from libraries. It is typically prevented by installing electronic article surveillance alarms at the doors. Library materials are tagged and if the tag is not deactivated it sounds an alarm.

For reference librarians, scanning endless bar codes is as tedious a daily task as dealing with stolen, lost or overdue library books. Now, a wafer-thin, microchip-based tag the size of a postage stamp could ease their workloads. Librarians can affix materials with security tags that contain microchips and an antenna that transmits information to a wireless reader using radio frequency identification (RFID) technology.

Cost may be a factor for many libraries, It can be costly if the library is using older technology for security purposes and it has to be replaced or if they have a very large collection to treat with security tags.

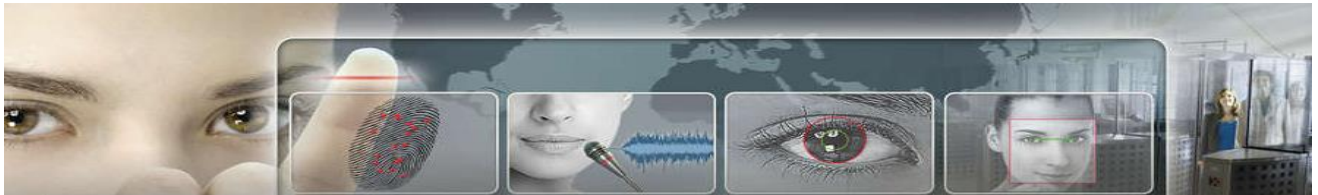


Library System Working





Large-scale AFIS and Multi-Biometric Identification



MegaMatcher is designed for large-scale AFIS and multi-biometric systems developers. The technology ensures high reliability and speed of biometric identification even when using large databases.

Available as a software development kit that allows development of large-scale single- or multi-biometric fingerprint, iris, face, voice or palm print identification products for Microsoft Windows, Linux, Mac OS X, iOS and Android platforms.



Biometric SDKs – subsets of Mega Matcher SDK:



[VeriFinger SDK](#)

Fingerprint identification for PC and Web solutions.



[VeriLook SDK](#)

Face identification for PC and Web solutions.



[VeriEye SDK](#)

Iris identification for PC and Web solutions.



[VeriSpeak SDK](#)

Speaker recognition for PC and Web applications.

SentiVeillance SDK

Face identification and movement tracking for video surveillance systems SentiVeillance SDK is designed for developing software that performs biometric face identification and detects moving pedestrians or vehicles or other objects using live video streams from high-resolution digital surveillance cameras. The SDK is used for passive identification.





Fingerprint & Palmprint Identification

Most Advance, high image quality USB fingerprint reader that is very low priced and suitable for large deployments. Featuring a low-profile design, the Hamster Pro is built with the industry's most rugged and advanced optical sensor using patented fingerprint technology.

Running Successfully with NADRA Verisys (SIM Verification, Bank Account Verification) and Law enforcement agencies (Punjab Police, Sindh Police)



Palm Print Capturing Devices

Greenbit MultiScan527 is the definitive and most advanced palm on the market today. Offering superior image quality and matchless acquisition speed, the MultiScan527 acquires not only 10-prints, rolls and half-palms but also all types of supplemental prints as per FBI EBTS Appendix P standard: rolled thenar (ball of palm) and hypo-thenar (writer's palm), full finger flat and rolled (distal, medial and proximal) as well as rolled fingertip impressions.





IRIS Identifications

IriShield™ Series includes ultra-compact, auto-capture iris scanners, complete with on-board iris recognition and a PKI-based security infrastructure that ensures end-to-end data security.

IriShield™ Series features IriTech's superior iris matching and iris image quality assessment algorithms to provide good quality images and avoid false positives while maximizing true positive identification rates. The embedded algorithms can complete a matching query against 1,000 stored templates in 0.5 second.





eTicketing Systems

We, being in the business to provide customized solutions based on various ID technologies in Pakistan, took the initiative and demonstrated to PCB a secure eTicketing solution with machine readable computer generated tickets using barcode security, their printing and gate monitoring along with On Line Ticket Sale through the web site of Wisdon Cricinfo UK.



Our System incorporates Intelligent Secure Bar Coding, On Line Print-at-Home eTicketing, Wireless Ticket Scanning, Gate Control and Real Time Event/Admission Reporting, Ticket Fraud Detection, Automated Attendance, Audits and many more facilities. Due to machine readability of tickets and ticket monitoring at each enclosure's gate on the match day, through barcode scanners by our trained staff, any duplicated, falls or imitate ticket is easily scanned out and the entry to stadium is barred for the holder of such ticket.

We keep on improving the system with more security features for each series since the day of its installation in view to reject more and more spectators with non-valid tickets to valid unusual rush at gates and now plan to past the RF (Radio Frequency) Tag on the tickets, which will completely eliminate the conjunction of spectators at entry gates due to scanning of spectators holding fake tickets through RF Readers well beyond the entry gates and spectators with genuine tickets generated through our system could approach the entry gate for checking.





Major Clients

