Introduction

Established in 1998, Askari information Systems Limited (AIS) is one of the leading IT companies of Pakistan with state-of -the-art paraphernalia and a large and impressive team of highly qualified and seasoned professionals. As part of its ongoing strategy of strong corporate relationships, AIS is a Microsoft Certified Partner (MCP) as well as an active member of Pakistan Software Houses Association (PASHA). Well-Defined Work and Quality Procedures enable the company to achieve ISO-9001-2000 Certification in December 2003.

AIS is using Scrum methodology, a simple and flexible software development framework for introducing and implementing agile methods. It helps teams respond to unpredictability through incremental, iterative work cadences, known as sprints. Agile methods address to the complex technical needs of the customers throughout the project life cycle. Scrum processes are coupled with many tools like .Net, MVC, ASP.NET, PHP, Silverlight, Bootstrap, HTML5, CSS3, Java-Scripts, JQuery, LINQ, Android, Visual Basic 6, Oracle, MS SQL Server, and Adobe Photoshop. These technologies really help to turn the customer needs into a successful software application.

1. **Askari ERP Suite (Iris)**

A fully customizable business and financial accounting solution, which automates broad set of activities of an enterprise, such as finance, inventory, procurement, supply chain, and human resources. Its flexible reporting and analysis functions are coupled with innovative alerting and scheduling tools that enable businesses to make the best use of their resources, increase productivity, reduce costs, make data-driven business decisions and improve their competitive edge through a series of interconnected executives’ dashboards.

1. **Finance Management & Accounting System**

AFMS is a collection of General Ledger, Accounts Payable and Accounts Receivable modules which automate and streamline all your financial business processes with scalable and adaptable financial procedures, the enterprise business intelligence let you make more cognizant decisions, increase efficiency, improve productivity and reduce costs. It provides an accurate view of your whole financial information in tandem with a 360-degree view of your customers and suppliers.

1. **Human Resource Management**

Automates the entire recruit to retire and hiring to firing processes, by aligning your staff, fully empowering, engaging and developing your talent with strategic objectives. A unified data model provides a single and accurate view of human resource related activities which includes recruiting, performance evaluations, training, compensation, real time analytics, a business Rule Based payroll management and helps control workforce costs by providing useful accurate and timely information.

1. **CNG Automation System**

The CNG management system is a highly efficient and precise CNG filling station management tool. It enables the owners and operators of CNG filling stations to remotely monitor the status of various dispensers located at any filling station and to keep track of the amount of CNG being sold there. The application also incorporates several management features to assist the owners and operators of CNG filling stations in the efficient maneuver of their business, which ensures an increase in the overall productivity.

1. **Restaurant Management System**

The restaurant management system is designed to facilitate the effective and reliable management in all aspects of the day to day operations of a restaurant like sale and purchase, inventory management and requisitioning for items etc. Everything from managing the staff payroll to keeping track of currently opened orders for maintaining chart of accounts and ledgers can easily be accomplished by using this system.

1. **Security Services Management System**

Guards Management System (or GMS) is a very useful and reliable tool targeting those organizations that provide security services. GMS has been designed in such a way that it makes the process of managing, and keeping track of the guards and other staff working in an organization, in a simple way. The system also provides security service providers with a user friendly interface to manage client profiles and agreements as well as the deployment of guards and other security equipment.

1. **Cash In Transit Management System (not clear)**

Cash-In-Transit system is also a secure and reliable system designed to be used primarily by security service providers. The system provides its users with a simple yet efficient interface to manage all phases associated with the safe and secure, large amount of cash transactions from one place to another. Users of the system can manage and maintain information about the vehicles used for the transportation of cash and the staff assigned to these vehicles.

1. **Sugar Mill Process Automation System**

The Sugar Mill Management System is a state of the art system that has been developed to aid in the efficient operations and management of sugar mills. The system incorporates a lorry tracking system that helps the user to keep track of the Lorries carrying the sugarcane from the time they leave their point of origin to the time when they arrive at the mill. The Sugar Mill Management System also allows for the efficient management of other operations of the mill like inventory and stock management etc.

1. **Aviation Services Suite**

The Aviation Suite is an application package designed for aviation companies to assist them in handling their routine tasks in the best way possible. It includes a flight management system that allows its users to oversee all aspects associated with flight management. The suite also contains options for the Umrah packages and packages associated with flying lessons to the general public.

1. **Biometric Attendance System :**

This is an application software with the huge memory and high definition infrared camera, which not only verifies the user by taking its thumb impression but also scans the retina of the user for complete verification even in the dark areas. The system will save the retinal results against the thumb impressions and only verify the person every time if the scanning results match the previously saved records. The system will also mark the time of user whenever he / she will be scanned by biometric verification and will also tell that whether the user is entering or leaving the organization.

1. **Surveillance System**

Keeping the home or business completely protected from crime or other suspicious activity is a very difficult to thing to do, and in some cases, it is virtually impossible to stop a crime from ever happening. However, with a fully functional surveillance security system, consumers have a greater chance of either deterring crime or capturing the criminals after the event occurs. Our system consists of high definition resolution camera which can provide a clear and detailed picture of the criminal, allowing the police to easily catch this perpetrator. Additionally, a high-resolution camera can catch minute details, such as the numbers on a license plate, the type of clothing a criminal is wearing, and much more, a DVR hard drive for recording, an infrared detection for night vision and motion activation.

**Our Key Services**

* ERP
* LMS
* Custom App Development
* Website Designing
* Website Development
* Portals Development
* Search Engine Optimization (SEO)
* Mobile Apps
* E-Commerce Development
* E-Procurement Systems
* E-filing System
* E-Payment Gateways
* Social Media Marketing
* IP Cameras Surveillance
* Business Intelligence
* Data Center
* Network Installation & Deployment of CISCO, Juniper, Huawei, Switches, Routers & Firewalls
* Microsoft Exchange Deployment & Migration
* IOS Development
* Virtualization
* Cloud Computing
* Network Security Solutions

**Our Work Methodology**

AIS is using agile, an alternative to traditional project management, typically used in software development to increase productivity and incremental innovation in a short time span. Being the more web-based and cloud-based products company, we worked on a very comprehensive Project Management Framework called AGILE using SCRUM methodology. Agile is an iterative and incremental evolutionary approach performed in a highly collaborative manner with **just the right amount of ceremony** to produce.

When looking at the agile process, it is important to understand that agile is an umbrella term used to describe a general approach to software development. The Agile Manifesto doesn’t provide concrete steps. Organizations usually seek more specific methods within the agile movement. These include Crystal Clear, Extreme Programming, Feature Driven Development, Dynamic Systems Development Method (DSDM), Scrum, and others which provide High quality software in a cost effective and timely manner which meets the changing needs of its stakeholders.

Scrum’s simple definitions gave us the autonomy we needed to do our best work while helping each other to get the business results we wanted. Scrum opened our door to other useful agile practices such as test-driven development (TDD). The development process concentrates on managing sprints .Team building, wrap, review, and adjust each of the backlog items in terms of work flows activities.

**Core principles**

* Shorten the release cycle but still provide great features to users.
* Make the schedule more predictable and compatible to scope.
* Reduce the pressure on engineering to “make” a release.
* Continuous testing and validation.
* Consistent team collaboration.
* Rapid response to change.
* Ongoing customer involvement.

**A Sample of Our Valued Clients**

* Army Welfare Trust
* Blue Lagoon Restaurant
* Fauji Securities Services
* Army Welfare Sugar Mill
* Askari CNG
* Askari Guards (Pvt) Limited
* Askari Aviation
* United Nations Development Program
* United States, Department of State, American Embassy
* European Union
* Mashreq Bank Dubai
* eGamma Modern Masters UK
* Pakistan Navy
* Pakistan Petroleum Limited
* Ministry of Interior Government of Pakistan
* Government of Punjab
* Government of KPK
* Baluchistan Local Government Commission
* Fuji Cement Company Limited
* Gharibwal Cement Limited
* Askari Cement Nizampur
* Askari Cement Wah
* Askari Commercial Bank Limited
* Islamabad Electric Supply Company
* Nava Synpac Pvt LtdRedtone Telecommunication Pakistan
* Contra Telecom
* Mofi Foods Pvt Ltd
* Uch Power Pvt Ltd
* Aman Consulting