FactSheet

IR Technologies

Developing the systems that keep the military going

Overview

IR Technologies is a small business that tailors support to satisfy a unique range of problems, issues and risks that impact information systems over a wide span of global operations. IR Technologies is an information systems consulting company providing total life-cycle support from concept development, acquisition management, requirements management, software development and post deployment support for IT infrastructure and networks, Enterprise Resource Planning Systems (ERPS) and custom software systems. IR Technologies also supports clients deploying systems into enterprise and tactical communications environments and solving related performance issues.

Focus

IR Technologies focuses on logistics information technology systems and has become an expert on employing everything from Enterprise Resource Planning Systems (ERPS), cloud based solutions, and mobile applications. Our customers use our products every day to support ongoing operations serving many missions all over the world. We have extensive experience in full Software Development Life Cycle support (SDLC) with an acute focus on requirements of austere environments and dynamic missions. IR Technologies has the experience to deliver products and services on time and budget anywhere in the world.

Technology Acquisition

We possess years of experience in managing the procurement of resources (budget, personnel, and technology) while taking into account challenges faced in fielding IT systems that include fiscal, budgetary, life-cycle, and time while consistently delivering them on budget and on time.

Change Management

IR Technologies possesses a framework and strategy for managing the effect of new business processes, changes in organizational structure or cultural changes within an organization that addresses the human side of change management.

Software Development Life Cycle

Our Software Development Life Cycle (SDLC) strategy includes the processes to manage requirements related to a system, service offering, product, and then plan for their delivery. Part of this activity includes a conceptual model that defines the characteristics of the product into a formal technical framework. Finally, we design, engineer, develop and test new applications and information systems for release.

Logistics Command & Control Suite

SituX Family of Systems

SituX is a revolutionary new way for the military to fulfill their logistic requirements by leveraging current IT investments. SituX provides supply and asset management, transportation management, and acts as a command and control system for logistics. Organizations can take advantage of our military grade security for enterprise implementation. Our battled tested products have been used throughout the world in two wars and through several missions throughout the globe. SituX shifts the paradigm from functional/commodity-focused logistics where information is buried in echelons below and struggles to float up to the commander. Instead, this information is readily available for strategic decisions and well-informed execution. The SituX family of systems can be used separately or integrated together to realize full synergy. SituX also operates as software as a service where organizations can use as little or as much as they need, ramping up usage and capabilities ranging from humanitarian to combat operations. With these capabilities and track record, SituX is the clear winner for your logistics needs.

Battle Tested

Successfully used in two wars and several military operations for the US Military have proven the power and effectiveness of SituX.

SituX Facts:

- *2,288,898 Equipment Fleet*
- *36,407 Users*
- *596,463 Logistics Requests*
- *894,145 Missions*

SituX LogC2

LogC2 is a command and control system for logistics that provides just in time planning, management, and execution capabilities to military and non-governmental organizations via an enterprise cloud environment. LogC2 operates in place of, or in conjunction with existing information technology assets. It is optimized to operate under low bandwidth, high latency environments. It can even operate in a disconnected mode when communication is intermittent. LogC2 is a technology multiplier that helps organizations stay on top of their real world logistics requirements.

SituX TransC2

TransC2 is a cloud based system that provides just in time transportation planning, management, and execution capabilities to military and non-governmental organizations via an enterprise cloud environment, focusing on transportation capacity planning capabilities at the resource allocation and assignment level. TransC2 gives transportation planners a view into transportation capacity in a connected environment through the integrated association of Transportation Movement Requests (TMRs), personnel and equipment resources. This provides decision makers with a common operational environment and real-time visibility of resources to enable faster reactions to dynamic environments.

SituX SupplyC2

SituX SupplyC2 is a complete supply and asset tracking system for the military organizations that require a global reach. SupplyC2 is optimized to operate over low bandwidth, high latency tactical networks using tactical radio and satellite links on the ground or on ship. SupplyC2 is capable of managing all assets and can requisition supplies and materiel for deployed organizations. SituX SupplyC2 provides shared, real-time data visibility for decision-making. It also provides roll up functionality with information available at the strategic, operational and tactical levels.

Cyber Security

Approach

The complexity of IT management operations and security presents a constant challenge for the organizations. Balancing the need for capabilities and ease of use while complying with the frequent security advisories, bulletins, changes, and reporting requirements can be formidable. The continuous evolution of technology and reach combined with the requirement to react to security threats is sometimes overwhelming to the core business focus of many small to medium businesses.

IR Technologies possesses vast knowledge and experience in developing, maintaining, and securing and accrediting information systems for government and commercial clients. For example, for over 14 years, IR Technologies has supported the Marine Corps by providing cyber security to their enterprise network. IR Technologies approaches cyber security as a complimentary service that enables and does not restrict innovation and creativity to solve today's biggest challenges.

Cyber Security Offerings

IT Security Testing - evaluating a computer systems' security implementation through verification and validation

Risk Assessment - performing both qualitative and quantitative risk estimates against a particular threat

Technical Security Services - providing IT security during the life cycle of a system or network from initiation to decommissioning

Compliance Experts

IR Technologies can ensure your conformity to information security standards set by a myriad of regulations and agencies including HIPPA, FISMA, PCI-DSS, FISMA, NIST, FedRAMP, and Cloud Security.

Threat Response - capability to effectively identify and respond efficiently to intrusion attempts

Anti-virus/Malware - provide protection from the next generation of malicious attacks

Disaster Recovery - providing protection plans, policies, and procedures that minimize the negative effects of a disaster whether natural or man-made to resume critical business operations and business continuity

Network Security - provide protection of infrastructure components via firewalls, network intrusion detection systems, port security, etc

Application Security - provide protection of software assets from external malicious actors

IT Service Management

Software Development

IR Technologies applies the agile development process Scrum to development projects. Scrum is a proven agile development approach used by industry and is managed within the context of the larger PDSS effort by ITIL and CMMI processes. Our development methodology is composed of phases including requirements analysis, design/specification, implementation (coding), testing, deployment, documentation, maintenance, training and support.

Oracle E-Business Suite

Services to analyze, configure, customize, and maintain the Oracle E-Business Suite for customer objectives. Defined processes for detailing customer requirements and fulfilling those requirements using the Oracle E-Business Suite set of applications. Offerings include Fit-Gap analysis, cost estimating, configuration control, and specifications for Reports, Interfaces, Conversions, and Extensions.

Systems Architecture

A conceptual model that defines the structure, properties, functionality, and operational characteristics of an information system and states the rules, standards, and conventions employed to define into a formal technical framework.

Data Management, Migration and Cleansing

A policy-based approach to managing data throughout its life cycle: from creation, storage, usage, through obsolescence and deletion, and is dictated by an organization's rules, standards, conventions, and legal requirements.

Requirements Management

The strategy and processes to collect, validate, analyze, refine, decompose, prioritize, document, and trace requirements related to a system, service offering, product, or other deliverable, then plan for their delivery, control change, and communicate with relevant stakeholders. It is a continuous process throughout a project.

Customer Quotes

"[IR Technologies] always put the right professionals in the path of the biggest problems." - Mr. Dale Carr, USMC, MARCORSYSCOM, PM LIS

"IR Tech always delivers what's promised with additional material that paves the Road Ahead."- MGen. Mark Lott

"This is the best planning document I have ever seen! (Logistics Modernization (LOGMOD) Communications Plan)"- MGen. Ed Usher

Systems Design

The process of defining the elements of an information system such as the architecture, modules and components, the different interfaces of those components and the data that goes through the system.

Test Management

The strategy and practice of organizing and controlling the process and artifacts required for the testing of new or existing software applications or information systems.

Service Management (ITIL)

A process-based approach to aligning the delivery of information technology services with business goals using documented best practices and delivering the best services to end users.

IT Program Management

Strategic Planning

Identifying and defining long-term program or task order goals and objectives, the means of achieving them, and the decisions on allocating resources (financial, personnel, and technology) to pursue them.

Features:

- Assessment
- Research
- Analysis
- Decision making support
- Implementation
- Evaluation

PMP Certified Staff

IR Technologies believes in process and backs that up with a 25% PMP certified staff, certified processes (CMMI Level 3 Services & CMMI Level 3 for Development), and ISO 9001 for quality

Portfolio Management

Managing and maintaining resources (financial, personnel, and technical) across all contracts, programs, and task orders in terms of current and planned resources to improve capabilities and outcomes; provide a framework for goals, timing, budget and changes in environment.

Features:

- Contract, program and task order status and progress evaluation and reporting
- Cost / benefit measurement and tracking
- Resource and capacity planning
- Communication of key project data to corporate leadership, key government executives and team leads

Project Management

Managing and maintaining resources (financial, personnel, and technical) specific to a program or task order in terms of current and planned resources; provide a framework for analyzing, planning and executing those resources

Acquisition Management

Managing the procurement of resources (budget, personnel, and technology) while taking into account the fiscal, bureaucratic, life-cycle, and process constraints and limitations of delivering them on budget and on time.

Enterprise Resource Planning Systems

An integrated, multi-module, enterprise information system for identifying and planning resource needs for an organization. It allows an organization to collect, store, manage, and interpret data and typically provides one user interface to manage business operations such as planning, logistics, scheduling, purchasing, manufacturing, inventory, sales, tracking, marketing, finance, human resources, etc.

Verification and Validation

The strategy, process, and procedures used to evaluate and confirm that a system, service offering, product, or other deliverable meets the agreed upon or contractualod requirements and specifications and that it fulfills its intended purpose, intent, or end-result.

Features:

- Verification – an internal evaluation of whether or not a system, service offering, product, or other deliverable complies with a regulation, requirement, specification, or imposed condition
- Validation – the assurance that a system, service offering, product, or other deliverable meets the needs of the customer and other identified stakeholder and typically involves acceptance and suitability with external customers or stakeholders

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