SITEK
NEW IDEAS. NEW SOLUTIONS.

SITEK Inc. INSIGHT – IT/Foundational Components = Business Results   **Date: June 1, 2017**

As with any business issue, strategy or discipline there exist "foundational components" that are absolutes in terms of impact and ultimate success for a business. One foundational component is the broad universe of Information Technology, or IT as we know it. Over the past decade, or two technology has driven limitless innovations that have had a profound impact in the way we live, learn and work.

Technological innovations have been revolutionary in the ability to 1) Force, and 2) Manage Change in the post 20th-century business environments (big and small). In the area of computers and software alone, changes and advancements have been immeasurable. However, it is not the rate of change specific to a sequence of time (e.g., calendar date) that one must account for, but rather the differing rate of capabilities, or progress that is delivered. For example, HTML/1, followed by HTML/2 represented gradual change… then came, HTML/4, HTML/5, then XHTML/1, FLASH etc.

The rate of technological change is not measured in a specified sequence of time but rather "progress"… which ultimately drives a different direction and/or a set of improved capabilities.

While technology, in general, is changing, the change or the progress in technology drives a *– **widening of the field –*** in terms of delivering differentiators such as convenience, productivity, and accuracy.

Therefore, and from a business perspective, foundational components are very important. These components need to be understood so that the business objectives and proper practices and protocols can be established up front ultimately, reducing/minimizing the risk(s) of failure… thus, promoting the success of key business and strategy initiatives.

From an IT perspective, foundational components can become intertwined with a myriad of computers, software, and complexity. This combination alone can affect this *– **widening of the field –*** in terms of the host of products and technologies that are either web-based, computer-based or solutions and programs that are bundled into adopted services. For example, large enterprises typically adopt computer technology to drive increased employee productivity… developing a crucial foundational component for a company's IT support service to manage.

While many technologies, software solutions and programs are used by businesses, these businesses need to manage specific day-to-day processes that require huge databases for the bulk of information that is collected and ultimately managed. A further example, of a foundational component, could become a software solution for managing the supply chain, or inventory such as product SKU's. Obviously, with the correct software/systems in place the enterprise can better track processes as data and figures now become automated, accessible, non- ad hoc and predictive in nature. In short, it then becomes crucial for these technologies, systems, solutions and programs to be managed as a holistic IT base that can be deployed and controlled as a function providing a foundational component. (On a side note, according to Quora: Walmart manages over 219,000 products SKU's per retail outlet).

The core premise of this INSIGHT was to discuss (albeit briefly) that the rate of change in technology (i.e., computers, software, systems, and programs, etc.) should not be specific to a sequence of time, but rather the differing rate of capabilities, or "progress" that they will deliver.

Can IT foundational components drive key business priorities? The answer to this question is YES. Forward-looking business leaders (CEO's, CIO's and IT Executives) will possess an incredible opportunity to harness this thought and leverage it as a competitive factor in the marketplace. However, this change is more than a combination of cloud computing, or the Internet of Things (IoT). The change is driven by mobile now being everywhere, social now means lifestyles being blended with commerce developing into a new foundational component of enterprise tech and personal tech. IT from an enterprise, or business perspective now means participating in the Global tech-everything arena!

At SITEK we embrace all the above and more. Moving forward we have identified a few priorities and trends that could strengthen your organizations IT department in becoming a driver of business results.

Please note the following priorities and trends:

• **Deliver Relevant Customer-centric Apps / Transforming Customer Engagement.** No matter what industry you do business in technology has now provided the ability to drive new advances in the way customers do business. What percentage of your IT department is focused on building customer-centric apps. geared to transforming customer engagements? How does this compare to last year? How will this change by 2020?

SITEK Can:
  ✓ Deliver unparalleled capabilities in terms of developing and implementing customer-centric apps. within diverse industries including; Healthcare, Manufacturing, Insurance, Environmental, Local/State/Federal Govt., Utilities and Education
  ✓ Provide focused expertise based on your business needs in transforming customer engagements

• **Accelerating the Deployment of World-class Security.** It's just not important to redesign IT to implement security fixes. You must understand that many environments have been built to comprise a multitude of thousands of elements and "cogs" with each piece requiring its own set of security protocols. By deploying and implementing the correct solution, you can essentially, evolve and develop a landscape that can have the ability to detect and remediate current threats and maintain the capacity to meet the threats of tomorrow.

SITEK Can:
  ✓ Provide secure level applications based on current standards such as SQL injection and Cross Site Scripting (XSS) in eliminating threats
  ✓ Transform data using Secure Socket Layers (SSL) and authentication protocols and cloud-based hosting ensuring concise and secure connections between network application clients and servers

• **Development of a Strategy to Upgrade Legacy Systems.** Is your current system infrastructure driving your business forward? Or, is your current infrastructure curtailing, impeding and inhibiting growth and strategic business options?

*Intel states, *"The bulk of enterprise software still runs on legacy platforms and on infrastructure that simply isn't designed to achieve the levels of manageability, agility, and self-serve convenience that users now demand. The vast majority of enterprise data centers today are complex environments — expensive to maintain and manage, lacking in flexibility, and unable to cope with growing business and service delivery goals."*

SITEK Can:
- ✓ Provide and leverage specialized expertise, methods, and approaches in migrating legacy systems to new technologies (e.g., Microsoft, Open Source)
- ✓ Deliver leading and proven development "practice-sets" that are designed to create seamless, successful and effective migration strategies and overall implementation success for your organization

Please feel free to contact SITEK so that we can discuss your business needs, priorities and offer solutions that are designed for success: www.siteksolutions.com.

About SITEK Inc., founded in 2006 and headquartered in Lexington, Kentucky, SITEK provides technology driven solutions for clients large and small. SITEK has delivered solutions for global clients in diverse industries including; Healthcare, Manufacturing, Utilities, and Education. SITEK also provides innovative solutions to technology staffing needs. SITEK has the experience to place qualified candidates in the U.S. and internationally, delivering the right resources for any company.

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SITEK – Core Competencies

- System Architecture and Design
- Application Development
- Project Management
- Document Management (SharePoint)
- Testing and Quality Assurance
- Placement and Recruiting

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SITEK – Key Differentiators

- Proven track record
- A decade of customer satisfaction
- Complete software life cycle experience
- Experienced in diverse technologies
- 100% Minority owned small business
- Located centrally with global reach

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