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## Order from chaos

A closer look at IT systems within an enterprise will reveal a complex set of heterogeneous systems, most of which are islands of automation. The full reliance of businesses on these systems to conduct their operations mandates them to be harmonious with the changing business operations they support, to achieve maximum agility and interoperability.

It is only through a methodical and holistic approach that we can bring order to IT chaos. We offer fresh and methodical solutions that help organizations realize their mandates.

In the world of IT, entropy dominates and chaos rules.

We RKTEK order from chaos.

In 1972, Philip Merilees suggested that the flap of a butterfly's wings in Brazil can set off a tornado in Texas. This idea, known as the butterfly effect, is that a very small change initially could set off very large and significantly different outcomes.

In 2018, I would say that the roles and responsibilities of a business unit are equivalent to the butterfly wings flapping; it can set off a collaborative interoperative complex infrastructure in cyber space. It creates a digital transformation of human interactions that get converted into a smart city, smart health, smart planet. It concocts a smart way of manipulating data and knowledge into an intelligent way of living and doing business, where collectively the whole becomes greater than the sum of its parts.

Similar to the butterfly's wing flapping ripple effect, in the cloud, in cyber cloud, roles and responsibilities ripple effects take in big data, IoT, blockchain, artificial intelligence, machine learning, etc. to bring into realization a smart collaborative interoperative infrastructure most strive to achieve.

Whether this is in manufacturing, banking, government, commerce, education, or healthcare, the **RKTEK** effect is similar to the butterfly effect: an approach that simple in its origin, and complex in its accomplishments.

Follow the paper trail: the starting point is with business forms. In any business operation there is a person in charge of processing a form, this represent the role. The completion and processing of that form represent the responsibility allotted to that person.

The **RKTEK** approach dictates a profile for each role, that defines qualifications, as well as associated knowledge required to qualify for the role: it is a job description of a sort.

The same concept applies to the paper form. It is a responsibility drive analytical method, that leads to reengineering the business process by eliminating redundancies and emphasizing specialization and expertise. Entries on the form are defined tasks that retrieve specific information from its source requiring access and privilege to attain.

By applying the **RKTEK** approach and following the paper trail you are on a path to a secure role-based business process optimization, and a digital transformation strategy towards the SMART digital era.

## RKTEK
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