ICT Business Opportunities

ISO 9001:2015 ISO 22301:2019 ISO 27001:2013 ISO 27701:2019 ISO 37001:2017

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ICT, Compliance and Risk Management Business Opportunities

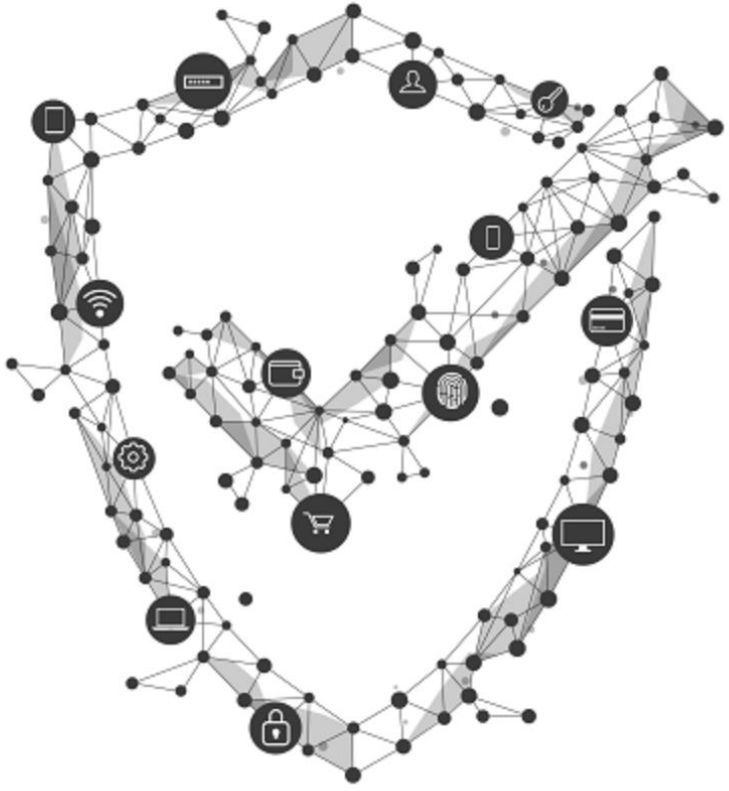
ALPHA OMEGA ZED is a company with a portfolio of solutions and services that includes cyber security, smart cities and Information Communication Technologies (ICT) services, Compliance and Risk Management services with a scope of application as follows:

1. Installation of cyber security systems, including network vulnerability audits, penetration tests and remediation of cybersecurity incidents

2. Production, installation, maintenance, and support of ICT systems, information security and networks (hardware and software).

3. Provision of Consulting, Compliance and Risk Management services and Consulting services for telecommunications and ICT systems.

4. E-learning platform (Nuntius) and provides Training in various topics.



The 5 ISO certifications of Alpha Omega Zed

ISO 9001:2015
Quality Management System

ISO 27001:2013
Information Security Management System

ISO 27701:2019
Privacy Information Management System

ISO 22301:2019
Business Continuity Management System

ISO 37001:2017
Anti-bribery Management System

“Predicting the Unpredictable”

Risk is defined as the " effect of uncertainty on objectives ",

ISO 31000:2009

An **effect** is a deviation from the expected — positive and/or negative.

Objectives can have different aspects such as

- Financial
- health and safety and
- environmental goals

What is a Risk?

*Risk expresses the uncertainty about **future situations**,*

*the results of **which could affect** the achievement of the*

short-term and long-term goals of the business.

“Predicting the Unpredictable”

culture

Based on the saying of Hippocrates, ***"prevention is better than cure",***

One of the elementary business practices, is ***the early diagnosis and prevention of adverse situations.***

"We have to accept that something unexpected can happen”.

Internally Driven Risks

FINANCIAL RISKS	INFRASTRUCTURE RISKS
• INTERNAL CONTROL • FRAUD • HISTORICAL LIABILITIES • INVESTMENTS CAPEX • DECISIONS • LIQUIDITY AND CASHFLOW	• RECRUITMENT • PEOPLE SKILLS HEALTH AND SAFETY • PREMISES • IT SYSTEMS
MARKETPLACE RISKS	**REPUTATIONAL RISKS**
• MERGERS & ACQUISITIONS ACTIVITY • R&D ACTIVITIES • INTELLECTUAL PROPERTY CONTRACTS	• BRAND EXTENSIONS • BOARD COMPOSITION • CONTROL ENVIRONMENT

Externally Driven Risks

FINANCIAL RISKS	INFRASTRUCTURE RISKS
• ACCOUNTING STANDARDS • INTEREST RATES • FOREIGN EXCHANGE FUNDS AND CREDIT	• COMMUNICATIONS • **TRANSPORT LINKS** • **SUPPLY CHAIN** • TERRORISM • NATURAL DISASTERS • **PANDEMIC**
MARKETPLACE RISKS	**REPUTATIONAL RISKS**
• ECONOMIC ENVIRONMENT • TECHNOLOGY DEVELOPMENTS • COMPETITION • CUSTOMER DEMAND • **REGULATORY REQUIREMENTS – SACTIONS**	• PRODUCT RECALL • PUBLIC PERCEPTION REGULATOR • ENFORCEMENT COMPETITOR BEHAVIOUR

Risk management process

The 7Rs (hazard) risk management MODEL

Recognition or identification of risks

Ranking or evaluation of risks

Responding to significant risks

Resourcing controls

Reaction planning

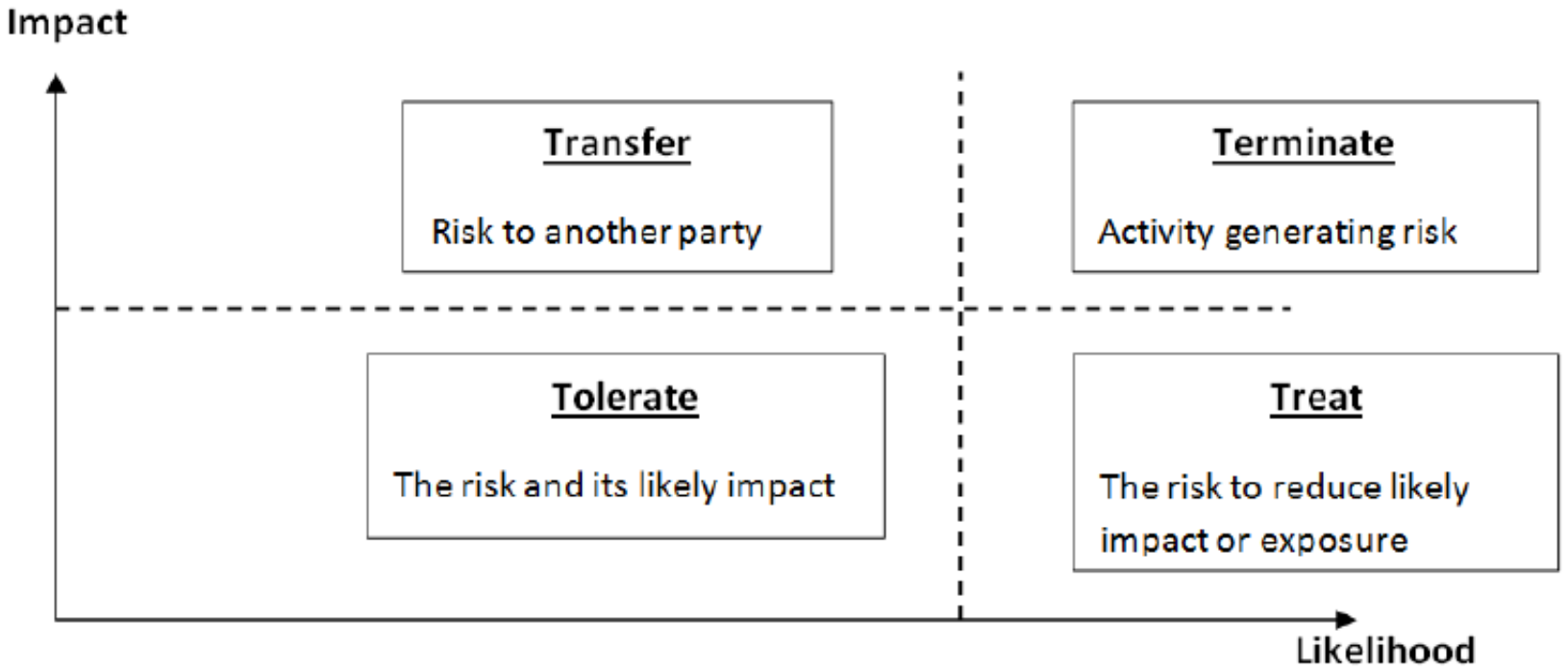
Reporting and monitoring risk performance

Reviewing the risk management framework

Risk management process

Under *Responding to significant risks process*

The 4Ts (hazard) risk management MODEL



Tolerate

Terminate

Treat

Transfer

HOW TO TRANSFER THE RISK (of the Unexpected Incident)

Examples of conditions and exclusions from insurance coverage

After the disruption and the closure of the Ukrainian Ports, the War Risks underwriters stopped offering war risks for new risks in Ukraine.

For the ships that were already in port undergoing cargo operations were blocked and not allowed to sail, the cover was offered for a short period. After that was either not provided or was uneconomical.

Due to the ongoing war between Russia and Ukraine, the International Group's Excess War P&I reinsurers have included a territorial restriction in the cover available for vessels trading in these waters as a result for vessels transiting and/or calling within all Russian waters, including their coastal waters up to 12 nautical miles offshore and certain European waters cover, has been sub-limited to USD80m any one event as opposed to USD500m.

By managing your risks, you reduce the chance (probability) of an unexpected incident occurring, but if it does, the impact on your business is low.

Your Insurance Company assumes less risk, so the premium is expected to be lower than if you didn't implement a risk management process in your business

We have the solution; We have the application.

WE HAVE THE SOLUTIONS

The Risk and Compliance Management System (RCMS)

- The Risk and Compliance Management System (RCMS) software solution is a specialized system that has been developed based on the experience drawn from our risk and compliance management professionals and the needs of our clients.
- The solution automates the core steps of a risk and compliance management process based on the Governance Risk and Compliance Model while implementing a simple and easy to use approach.
- It can be utilized to automate the Enterprise Risk Management, Information Security Risk Management (e.g. based on ISO 27001), Business Continuity Risk Management and any other similar risk management and compliance management processes.
- RCMS is a unified platform that can assist organizations meet their risk and compliance management objectives.

WE HAVE THE SOLUTIONS

The RCMS Application: Key Modules Details

The **Environment Definition** module allows users to define the scope of the assessment and develop the framework to which the scope applies.

The **Methodology Definition** module allows users to dynamically define the approach to be utilized to perform an assessment and the relationship between impact, likelihood and risk.

The **Risk Management** covers the Strategic Risk Assessment and the Detailed Risk Assessment functionality. module

The **Compliance Management** module allows users to register and list all compliance requirements either due to a regulation or due to an audit or other source, by each source (e.g. internal audit, security requirements, third party audit, pci audit, pen test, etc) of interest to the organization.

WE HAVE THE SOLUTIONS

The RCMS Application: Key Modules Details

The **Unified Actions Monitoring** module includes all actions to be monitored form the Risk Management, Compliance Management and Incident Management modules.

- The **Report Generator** is used to produce and present the results from the completed assessments and the status of ongoing activities (e.g. mitigation actions completion level). As an example, a number of reports are provided including, but not limited to:
    - Overview of the environment under assessment;
    - Asset information report;
    - Overview of the methodology parameters followed;
    - Comprehensive risk assessment report;
    - Risk matrices;
    - Risk dashboards; and
    - Mitigation action reports.

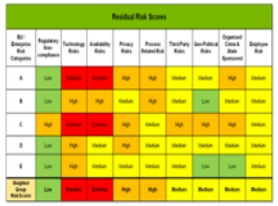
WE HAVE THE SOLUTIONS

The RCMS Core Components

Risk Management

Incident Management

Organizational Structure



Common Data and Methodology

Compliance Management

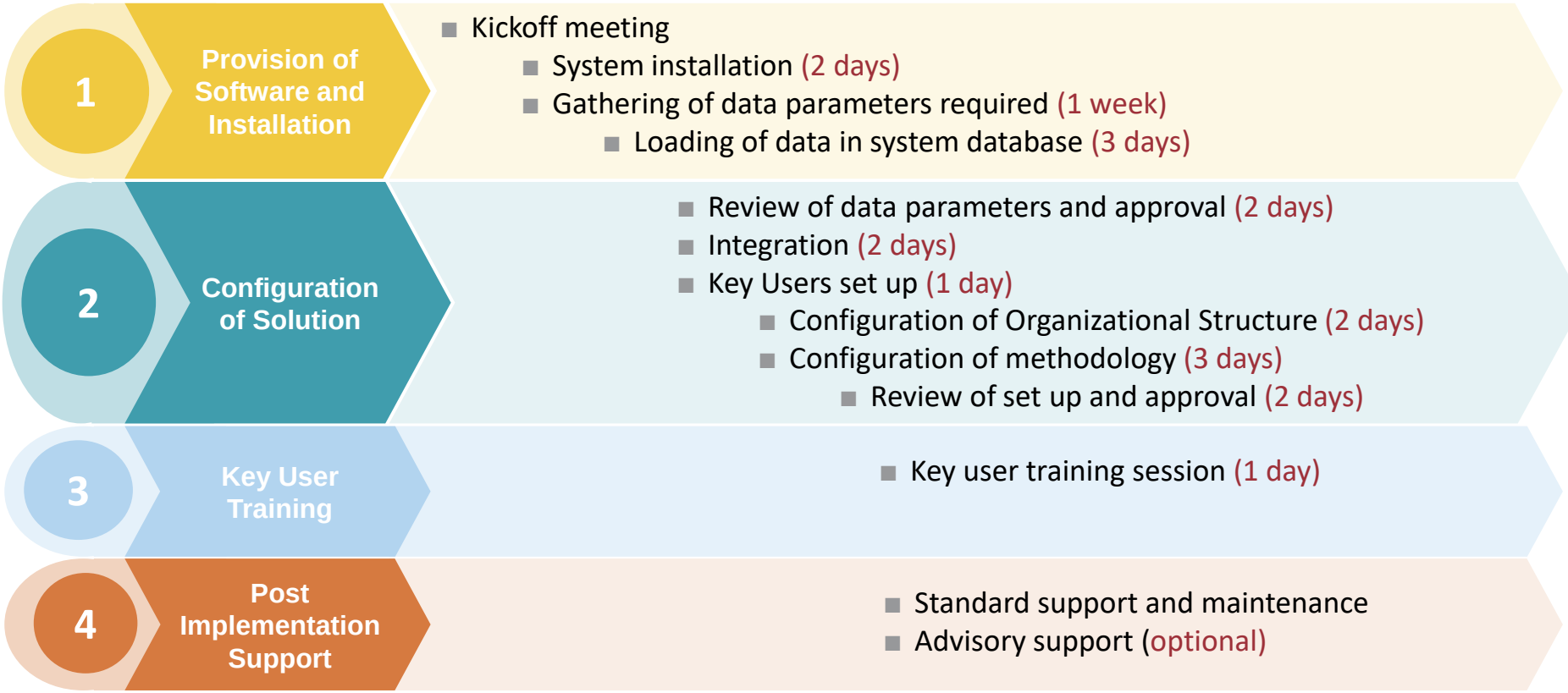
Unified Monitoring

The RCMS Functionality Modules

- Maintenance (Universe Definition)
- Risk & Compliance Functionality Modules
- Access, Authorization & Collaboration

! The Organizational Structure, Environment Definition, Methodology Definition modules must be configured prior to rolling out the solution

Example Project Plan



Phases

Activities (estimated elapsed period**)**

The issue is not to Predict the Unpredictable

but to have the ability to **manage the Unpredictable**

We can do it for you!!!

Thank
you