



تشرف شركة OASN Solutions لحلول تكنولوجيا المعلومات بدعوتكم لحضور الندوة الخاصة التعريفية بإدارة المخاطر

" إدارة المخاطر فى تكنولوجيا المعلومات – IT Risk Management "

شرح مبسط لما سيتم تقديمه خلال الندوة

That's a fundamental question in business, project management, and technology.

1. What is Risk Management?

Risk Management is the formal process of identifying, assessing, and treating threats (risks) that could negatively impact an organization's objectives, assets, or reputation, while also pursuing opportunities (positive risks).

The goal is not to eliminate all risk (which is impossible), but to manage it proactively so that decision-making is optimized and potential damage is minimized.

Key Phases of the Risk Management Process

The process is cyclical and continuous:

Phase	Description	Key Question
1. Identification	Discovering, recognizing, and describing risks. This involves listing all possible events that could impact the objective.	What could happen?
2. Analysis/Assessment	Determining the likelihood (probability) and potential impact (consequence) of the identified risks.	How likely is it, and how bad would it be?
3. Evaluation/Treatment	Deciding which risks need to be addressed and selecting the appropriate strategy. This results in the Risk Response Plan .	What should we do about it?
4. Monitoring & Review	Tracking existing risks, implementing treatment plans, and constantly watching for new risks or changes in the environment.	Is the plan working, and are there new threats?

2. How to Represent Risk Management

Risk Management is primarily represented using visual tools and documentation that organize and communicate the findings of the assessment phase.

A. The Risk Register (The Core Document)

The **Risk Register** is the primary document used to represent the results of the identification and analysis phases. It is the centralized log of all known risks.

A typical Risk Register includes columns for:

- **ID:** Unique identifier for the risk.
- **Description:** Clear statement of the potential event (e.g., "The server failure will cause a 48-hour system outage").
- **Owner:** The person responsible for monitoring and managing the risk.
- **Likelihood (L):** Score (e.g., 1-5 or Low/Medium/High).
- **Impact (I):** Score (e.g., 1-5 or Low/Medium/High).
- **Risk Score:** L×I (The assessed severity).
- **Mitigation Plan:** Specific steps being taken to reduce the risk.
- **Residual Risk Score:** The score after mitigation plans are implemented.

B. The Risk Matrix (The Core Visual Tool)

The **Risk Matrix** (or Risk Heat Map) is the most common visual representation. It is a 2x2 or 5x5 grid that plots risks based on their two dimensions: **Likelihood** and **Impact**.

- **Purpose:** To quickly prioritize risks and show stakeholders which risks are most critical (plotted in the "Red" zone).

- **Structure:**

- The horizontal axis usually represents **Impact (Consequence)**.
- The vertical axis usually represents **Likelihood (Probability)**.

	Impact (Low)	Impact (Medium)	Impact (High)
Likelihood (High)	Medium Priority (Yellow)	High Priority (Orange)	Extreme Priority (Red)
Likelihood (Medium)	Low Priority (Green)	Medium Priority (Yellow)	High Priority (Orange)
Likelihood (Low)	Very Low Priority (Green)	Low Priority (Green)	Medium Priority (Yellow)

C. The Risk Treatment Strategies (Response Options)

In the evaluation phase, the representation is the selection of one of the four main strategies for each major risk:

1. **Avoid:** Eliminate the risk entirely by changing the plan (e.g., cancelling a risky feature).
2. **Transfer:** Shift the financial consequence to a third party (e.g., buying insurance).
3. **Mitigate (Reduce):** Take action to reduce the likelihood or the impact (e.g., implementing security controls, adding backup systems).
4. **Accept:** Acknowledge the risk and do nothing, often because the cost of treatment is greater than the potential loss.

على الراغبين فى الحضور التسجيل لحضور الندوة من خلال هذا الموقع

و سيتم فتح الرابط لجميع المسجلين للحضور

الجمعة 2026/07/24 و السبت 2026/07/25 

من الساعة 8:00 - 9:30 م بتوقيت القاهرة 