

Presentation on

Risk management and Information Security Protection

Presented by

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Introduction

- Risk management relevance to financial institutions and companies
- 2007-2015 Dubai Government strategy on development of (crisis management and disaster recovery systems)/ risk management systems for all governmental institutions

Risk Management at Dubai Public Prosecution^{٢٨}

- Before 2007, efforts not based on a clear approach have been taken to identify and manage risks
- In 2007 risk management team was formed
- International Standards and benchmarking comparisons
- Methodology developed based on international standards and best practices
- Defining and managing risk
- Public Prosecution strategy on risk management
- Strategy implementation follow-up

Risk Definition

- Based on benchmarking and standards, the department has developed its own concept of risk
- Any incident that will result in any or some of the following:
 - Disruption of Public Prosecution ability to manage its mission and strategic objective (continuity of work)
 - Health impact affecting the employees and parties dealing with the Public Prosecution (Occupational health & safety)
 - Environmental Impact resulting from Public Prosecution managing its tasks (Environment)

Methodology of Risk Analysis

- Criteria of risk analysis
 - Possibility of risk (Likelihood for occurrence)
 - Repetition of risk (Frequency for occurrence)
 - Level of risk impact (Consequences)
- Due to the lack of comprehensive data required for the analysis of risks, the following criteria was added:
 - Objective assessment based on experience and listening to the public prosecution's leadership

Risk Classification

Business Continuity

Occupational health and safety

Environment

Business Continuity

- Loss of the case file
- Information security

High Priority Risks

Information Security

1. Risks threatening data confidentiality
2. Risks threatening data integrity
3. Risks threatening availability of systems

Data Confidentiality: Risk of not authorized to the system

Public Prosecution employee



Access



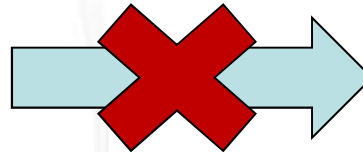
Cases program



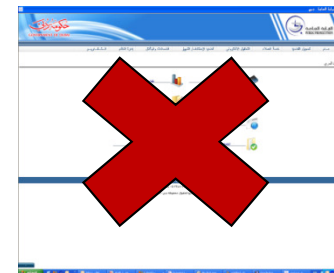
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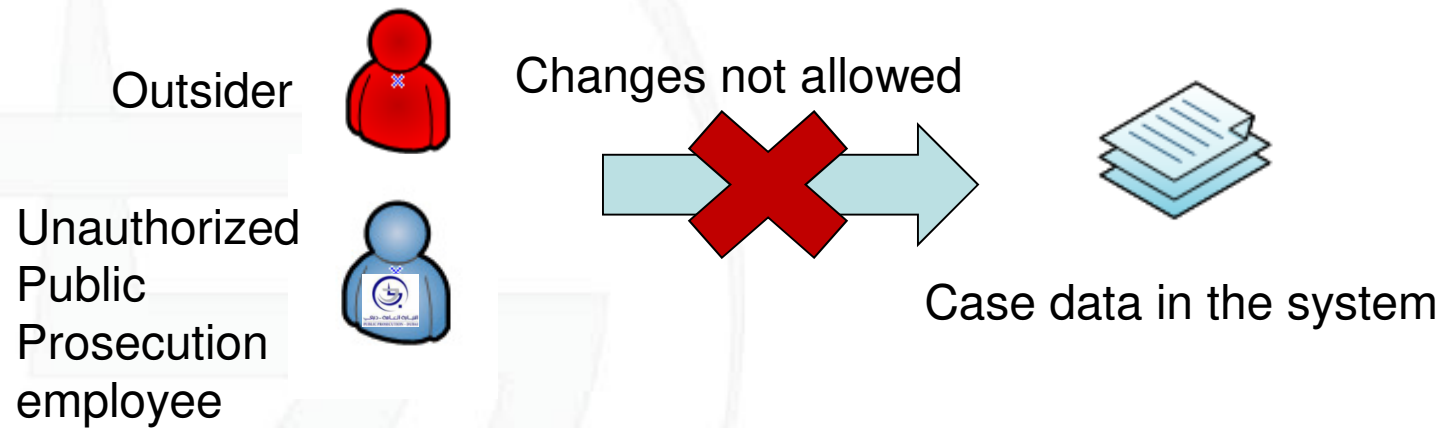
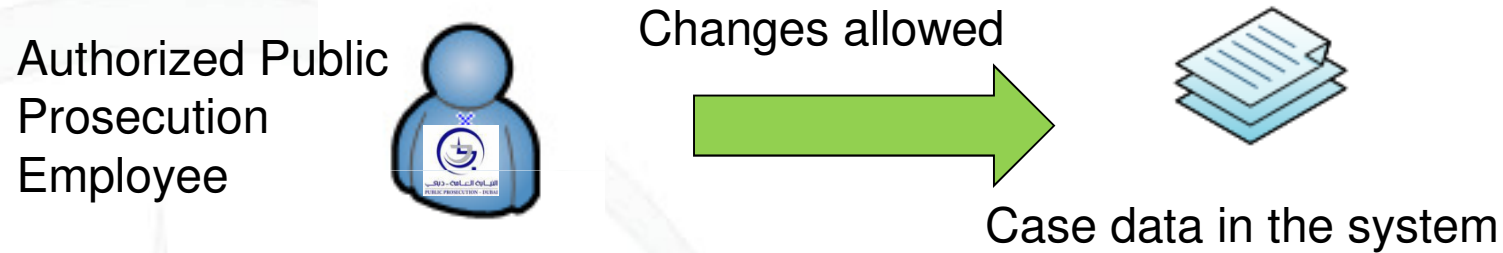
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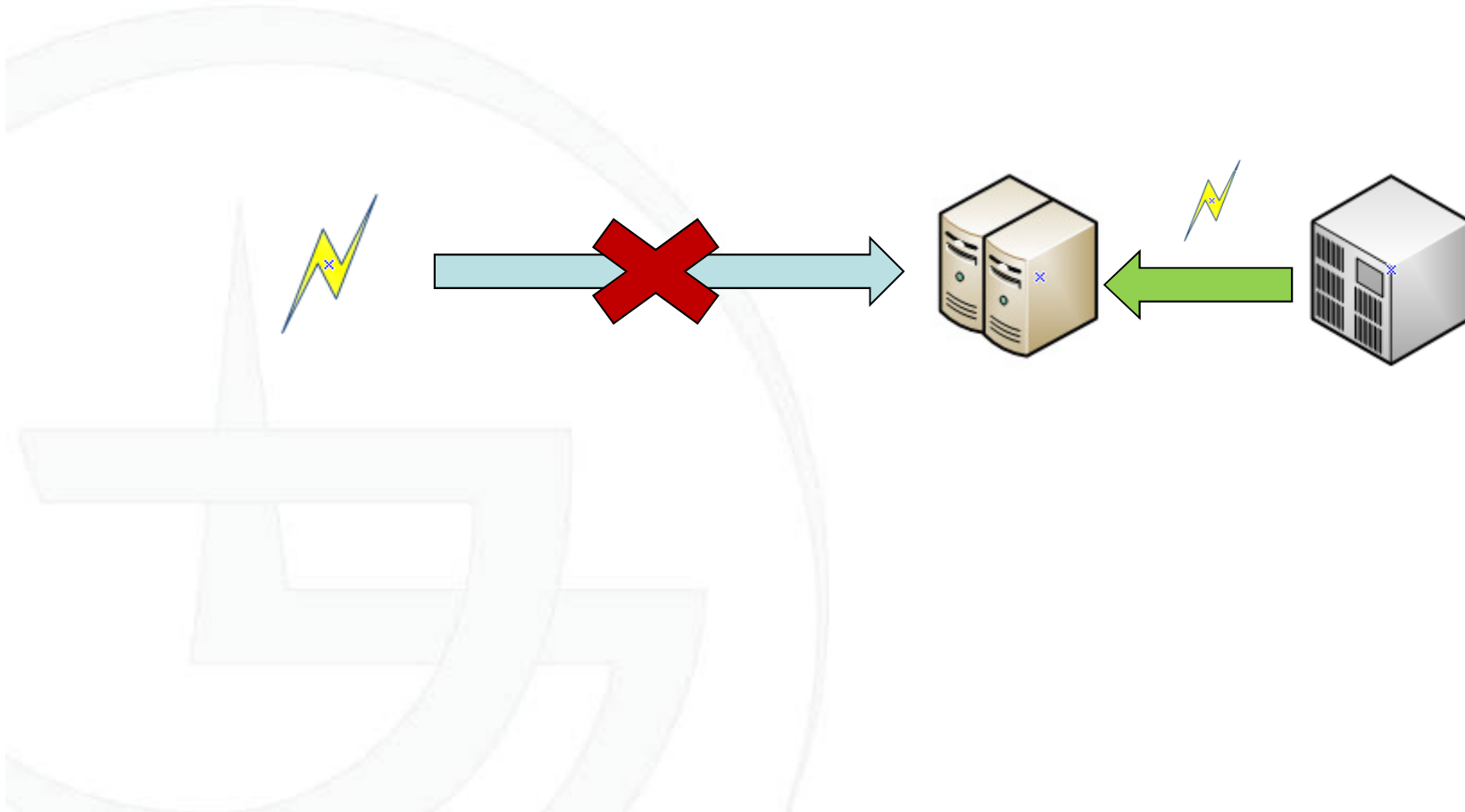
Cases program



Data Safety: Risk of many manipulating and changing the case data



System Availability: the risk of the power outages on the system



Information security management system

- Implementing information security standards and best practices.
- ISO 27001

Our Future Vision

To develop along with our partners international standards and criteria to manage risks in judicial work

Thank You