

# Security Architecture

### - Filter, Analyze and Solve your Security Weaknesses -

### Introduction

Are your architects addressing 70% of all security questions instantly? It can be.

This brochure introduces how you can make use of Dragon1 for Security Architecture. Dragon1 is the AI-enabled digital platform for Enterprise Architecture.

#### What is Security Architecture?

Security Architecture, according to Dragon1, is the description and visualization of how security controls (= security countermeasures) of an organization are positioned and how they relate to the overall systems architecture.

These security controls serve the purpose to maintain the system's quality attributes such as confidentiality, integrity and availability (CIA).

Security architecture is a conceptual security blueprint of the organization as bridge between the strategy and transformation of the organization.

Today, security plays a vital role in the Enterprise Governance of an organization. Dragon1 helps to get Security Architecture linked into the governance processes, IT policies, IT auditing and supports CxOs in selecting appropriate measures to be taken.

#### **Common Insights enable Impactful Decisions**

In order to have a group of key stakeholders gain common insights and overview of the current security situation, and be ready to take impactful decisions for the benefit and the future of the organization, more and more organizations visualize their security architecture with specific visualizations, called management report views, on Dragon1.



### **Security Views**

Common security views created on Dragon1 are:

- Management Overview How well are the top 10 key strategic security measures taken
- **Roadmap View** When are certain security measures going to be implemented and what will the impact be on what part of the IT infrastructure?
- Security Data Breach View Where, when, why and how did security data breaches affect our IT infrastructure (networks and components), Data and IT System?
- **GDPR View** How well do we align with the GDPR rules for private and sensitive data?
- **Confidentiality View** How well do we secure, provide and maintain the by the business required confidentiality of the IT infrastructure, Data and IT systems?
- Integrity View How well do we secure, provide and maintain the by the business required integrity of the IT infrastructure, Data and IT systems?
- Availability View How well do we secure, provide and maintain the by the business required availability of the IT infrastructure, Data and IT systems?
- Skills & Education View What knowledge and skills do we have or do we need to gain/develop, as is required by the security architecture, to maintain a secure IT operation?
- **Documentation View** Which parts of the IT infrastructure are documented as is mandatory?
- **Compliancy View** Which IT infrastructure components, data and systems are (not) compliant to the standards?
- **Business Process View** Which (lack of) compliance on standards in the IT infrastructure, has (positive/negative) impact on certain processes?

All the visualizations created on Dragon1 show relationships and dependencies between IT components, within a context

### **Data Driven Visualization Templates**

Dragon1 supports to import or to enter manually all kinds of security data, like policies, standards, norms, patterns, principles, data breaches and IT issues. And all kinds of IT infrastructure (components assets), Enterprise data and IT systems data.

With these data, the architects can generate security views using data driven templates on Dragon1. Trained architects can also create their own visualization templates.

Dragon1, as repository based digital Enterprise Architecture platform, supports creating and maintaining a managed list (i.e. catalogs) of policies, standards, norms, patterns and principles, This increases the quality of the data significantly, which increases the level of security of the organization.



Dragon1 is used for monitoring the IT security situation. The data quality is then much better than excel sheet reports, graph dashboards or PowerPoint reports.

### The Business Case

Practice and Scientific Research have shown that security architecture views, much more than text reports, tables or graphs, help to report the current security situation, create common insights and overviews with key stakeholders, support decision making by key stakeholders better and guide implementation of security measures in projects better.

A very big advantage of Security Architecture on Dragon1 is that it is cost effective. Because of the standardization it will cause (and the caused risk mitigation and complexity reduction) on the IT infrastructure of the organization.

## Get Started using Dragon1 for Security Architecture

If you are interested in using Dragon1 for Security Architecture, please contact us via the following options:

#### **Commercial Inquiry**

Mark Paauwe International Sales Director

+31 6 284 17 269 mark.paauwe@dragon1.com



#### **Dragon1 Product Screenshots**



The Digital Workplace



The Viewer





The Viewer (showing an interactive visualization when clicked on a picture in the previous screen)

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The Assets Catalog (the place where any kind of list of items can be managed and maintained)



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#### The Architecture Repository



The Visual Designer