Basie von Solms

Information Security – The Third Wave?

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Ein Kurzreferat im Rahmen
der Veranstaltung
Information Rules 2
SS2007
Technische Universität Berlin
FB Informatik und Gesellschaft

Kai Dietrich

"The First Wave - Technical"

"[...] characterized by a very technical approach to information security [...]"

"The Second Wave - Management"

"[...] characterized by a growing management realization of and involvement with the importance of information security [...]"

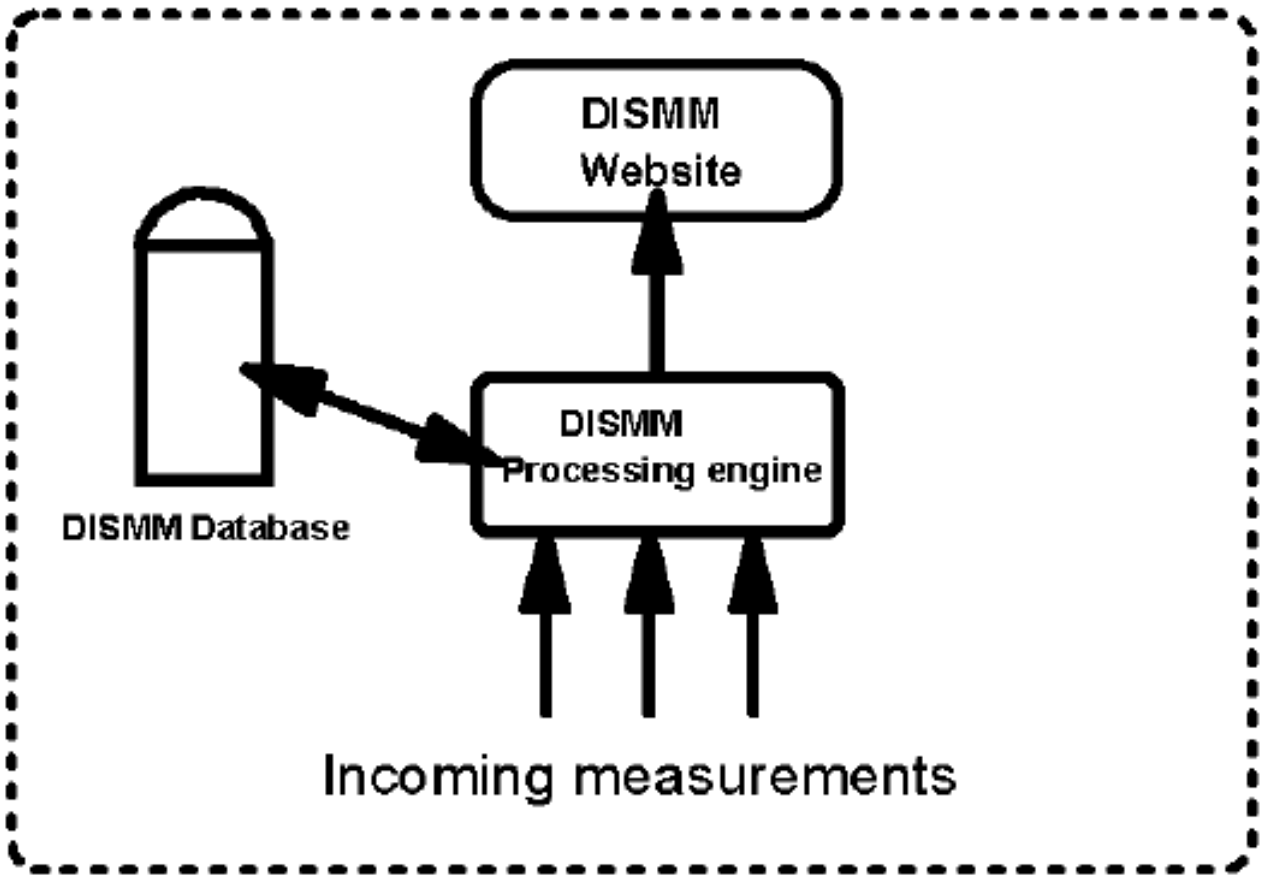
"The Second Wave - Management"

"[...] information security
practitioners got what they wanted - management's
attention [...]"

"The Third Wave – Institutionalization"

- "Information Security Standardization"
- "International Information Security Certification"
- "Cultivating an information security culture"
- "Implementing metrics to continuously and dynamically measure information security aspects"

Dynamic Information Security Management through Measurement (DISSM)



DISMM Measurement Engine

"People Leaving the Company"

"However, even with the parts that are presently implemented and operational, a level of information security management is possible which was *impossible* before implementation."

Fazit

"Information Security can only be managed properly if, on a macro level, an internationally accepted reference framework (code of practice) is used, and if on a micro level, physical measurements can be made."