



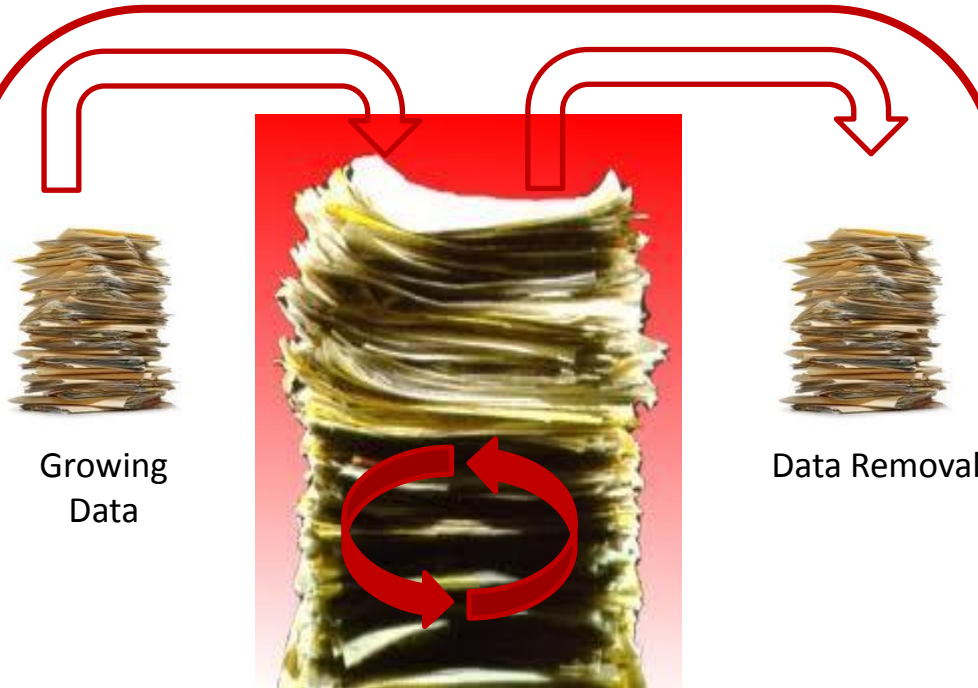
NOGACOM

The Data Classification Company

NogaLogic Data Classification

- Information Management due to Business Entities -

Today's typical data challenge



Content of the data is changing every day

Some more Data Repositories



Some reasonable questions

- Which data is belonging to which Business process?
- Who is working with which data?
- What's the data Lifecycle?
- Which Data has to be archived?
- Which Data do we have to migrate?

All about my sensitive Data?

- How many do we have?
- Who has access to it?
- How were they distributed?
- Which permission are granted?



Where **exactly** is your sensitive Data located?

Content contains Business Entities (BE) and is surrounded with Meta Information, Permissions, location information

Meta Information: →
Author, Creation time,
Last write time, Owner,
Location path and more

Permissions from AD and
from Server location:
Groups, single user, ...

Company name →

Street →

Location / City
or Country →

Abbreviation →

Keyword →

Keyword →

Address detail →

NOGACOM
The Data Classification Company

Mit NogaLogic – Daten klassifizieren.

Nogacom Europe GmbH, Lindenstrasse 57, 66787 Wadgassen

Angebot	
Angebotsnummer:	AN20132101
Angebotsname:	Datenanalyse
Projekt:	DLP
Datum:	5. April 2013
Bearbeiter:	Thomas Quednau

Aufgabenstellung (kurz)

Analyse einer vorgegebenen Auswahl von Daten als Grundlage für die Definition von Vertraulichkeitskriterien, die anschließend verwendet werden um diese Daten in Vertraulichkeitsstufen zu klassifizieren. Das zugehörige Konzept bzw. der Katalog wird dabei auf die ARAG Bedürfnisse zugeschnitten. Die Aufgabenstellung wird in Form eines Proof of Concepts durchgeführt und erarbeitet. Die Abteilung Kommunikationssysteme AKB 81341 ist verantwortlich für die Bereitstellung der Daten.

Angebotsübersicht

- Daten Analyse & Reporting
 - Erstellen einer Daten Übersicht und deren Ausgestaltung
 - Feststellung von Kopien & Versionen, Berechtigungen, Zugriffe, Quwerschaft
 - Geschäftszusammenhang über vorhandene Entities
- Vertraulichkeitskonzept
 - Identifikation der ARAG spezifischen Kriterien
 - Stufenkonzept
 - Relevante Entities und Keywords
 - Katalog
- Vorschlag für eine Vorgehensweise
 - Proof of procedure**
 - NogaLogic 4.x Proof of Concept Lizenz für den Zeitraum von 30 Tagen
 - NogaLogic 4.x Proof of Concept Lizenz für den Zeitraum von 3 Monaten Subscription
 - NogaLogic 4.x Proof of Concept Lizenz für den Zeitraum von 6 Monaten Subscription
 - NogaLogic 4.x Proof of Concept Lizenz für den Zeitraum von 12 Monaten Subscription

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VERTRAULICH versendet am 05.04.13

Offer / Proposal

Number

Date

Employee name

Department

Product name

Phone number

Sensitivity BE

The same Content exists in many other documents: Copies or Versions

Company full name

Company name
Logo

Delta Lloyd Levensverzekering NV

Postbus 1000
1000 BA Amsterdam

Medische keuring
Toelichting op doel
en gebruik

delta lloyd

Telefoon (020) 594 91 11
Telefax (020) 693 01 85

Bestemd voor degene die
een keuring ondergaat

Waarom een medische keuring

Het doel van de medische keuring is de medisch adviseur van Delta Lloyd in staat te stellen te beoordelen of en op welke voorwaarden de aangevraagde verzekering kan worden geaccepteerd. Het is mogelijk dat de medisch adviseur meer informatie gewenst acht. Om die te verkrijgen kan hij bijvoorbeeld, nadat u hiervoor toestemming hebt verleend, informatie inwinnen bij uw behandelende artsen en eventueel bij andere verzekeringsmaatschappijen. Op basis van verkregen informatie adviseert de medisch adviseur of de verzekering op normale voorwaarden kan worden geaccepteerd of eventueel op bijzondere voorwaarden. U hebt het recht de medisch adviseur te verzoeken van het voorgenomen advies als eerste in kennis te worden gesteld teneinde dan te beslissen of het advies aan Delta Lloyd mag worden uitgebracht. Zo'n verzoek is uiteraard alleen zinvol, indien de medisch adviseur een verhoogde premie of afwijkende voorwaarden zal adviseren.

Indien u van dit recht gebruik wilt maken verzoeken wij u dit schriftelijk aan de medisch adviseur mee te delen. Dit schrijven moet als bijlage gelijktijdig met het keuringsrapport worden ingestuurd. Als het advies luidt dat de verzekering op normale voorwaarden kan worden gesloten, nemen wij aan dat de medisch adviseur dit advies direct aan Delta Lloyd mag uitbrengen, tenzij u uitdrukkelijk hebt aangegeven ook dan vooraf dit advies te willen vernemen. Een verbod uwerzijds tot het uitbrengen van het advies aan Delta Lloyd heeft tot gevolg dat de verzekering niet tot stand kan komen.

Het belang van goed gegeven informatie

Het is van groot belang dat u de gestelde vragen naar waarheid en zo volledig mogelijk en zonder enig voorbehoud beantwoordt. Met een naar waarheid en volledige beantwoording van de aan u gestelde vragen voorkomt u dat de verzekeraar zich op nietigheid van de verzekering kan beroepen en dat eventuele toekomstige uitkeringen in gevaar komen.

Behandeling van uw medische gegevens

Voor alle medische gegevens geldt dat zij worden beheerd door de medisch adviseur van Delta Lloyd. De medisch adviseur vormt in het kader van de medische informatieverstrekking te zamen met directe medewerkers van de medische acceptatiedienst een zogenaamde functionele eenheid.

De leden van deze functionele eenheid kunnen derhalve kennis nemen van die medische gegevens die van belang zijn voor het behandelen van uw aanvraag. Uiteraard zijn de genoemde leden gebonden aan het medisch beroepsgeheim en hebben zij als zodanig een zwaarplicht

EE 02.1.10/0102

Address details

Phone and Fax
Number

NogaLogic
matches if this yellow
text exists somewhere
else and shows it as:

- Version or
- Copy

Permissions & Access
Does a Copy or Version
have the same
permission as the
original?

Content of the
document

Number + Date

The way through the NogaLogic Classification

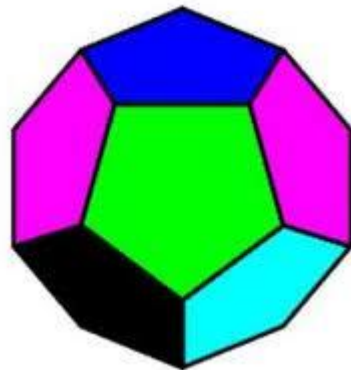
Building of many Business Entities



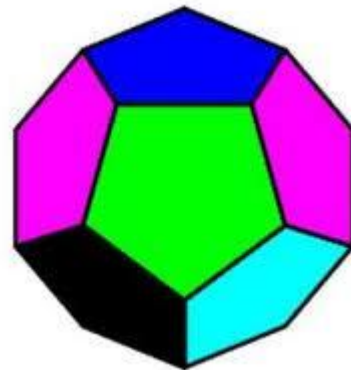
Matching of Business Entities against content



Enables Management of specific data



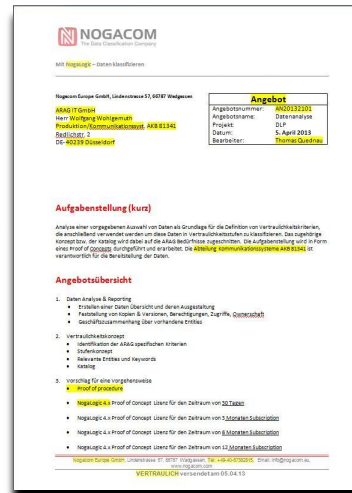
Company name
Street name
Post code and City name
Company ID



Offer / Proposal
Product name
Department
Employee name
Phone number
Date
Number

Sensitive Business Entity

All kind of content



Documents
Mails
Notifications
DB Table
Meta Information

Instruments:

User Interface
Policy Management
Reports
Graphical
Export into 3rd party

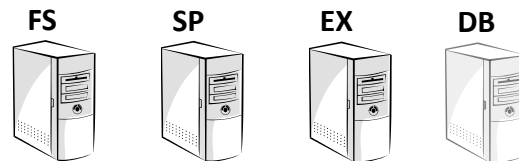
Creates value through:

- Control of big Data
- Control of Business Information
- Control of Sensitive Information
- Compliance
- Governance
- Access & Permissions
- Analytics & Reporting

Automated merging!



Extracts the Business Entities (BEs) from structured data sources and sends them to the server (continual process)



1. Crawls data repositories for unstructured data
2. Extracts content and metadata
3. Continually sends updates on new content or content changes to the server

NogaLogic User Interface

The screenshot shows the NogaLogic user interface with a search results table and a document preview. The search results table is as follows:

Format	Name	Last Modified	System	Deleted	Score	Location
	The_new_BMW_Z4	11.09.2011 10:44	File System		90	\nogaologic\demo\bmw\bmw\products\z4 sen
	RE: Press Release - The New BMW Z4 Roadster Model Highlights	03.02.2010 14:18	Exchange		86	https://212.150.185.108/owa/ThomasP@no
	RE: Press Release - The New BMW Z4 Roadster Model Highlights	03.02.2010 14:18	Exchange		86	https://212.150.185.108/owa/MatthewR@no
	RE: Press Release - The New BMW Z4 Roadster Model Highlights	03.02.2010 14:18	Exchange		86	https://212.150.185.108/owa/FrankPA@nog
	Z4 sDrive30i and sDrive35i Highlights	27.01.2010 12:02	File System		84	\nogaologic\demo\bmw\bmw\bmw_versions\Z
	Z4 Roadster sDrive30i	10.10.2011 17:25	File System		84	\nogaologic\demo\bmw\bmw\bmw_emails\Z4
	Press Release - The New BMW Z4 Roadster Model Highlights	03.02.2010 14:18	Exchange		82	https://212.150.185.108/owa/ThomasP@no
	Press Release - The New BMW Z4 Roadster Model Highlights	03.02.2010 13:55	Exchange		82	https://212.150.185.108/owa/MatthewR@no
	Press Release - The New BMW Z4 Roadster Model Highlights	03.02.2010 13:55	Exchange		82	https://212.150.185.108/owa/MatthewR@no
	2009_z4_roadster_highlights	30.08.2011 06:34	File System		82	\nogaologic\demo\bmw\bmw\products\z4 sen

The document preview shows the following content:

Drivetrain To underscore the potency of the new BMW Z4 the model comes with a choice of three high output six-cylinder powerplants. The range flagship is an International Engine of the Year winner in the shape of the 3.0 -litre twin-turbocharged engine. The 306hp BMW Z4 sDrive35i powers its way from zero to 62mph in 5.2 seconds before going on to an electronically-limited top speed of 155mph. The strong performance credentials are matched in terms of economy and emissions.

BMW UK Media Information May 2009 Page 3

The Z4 sDrive35i records a combined consumption figure of 30.1mpg and CO2 emissions of 219g/km. It is worth noting that the sDrive35i can be specified with a Double Clutch Transmission and a vehicle so equipped records a faster zero to 62mph time of 5.1 seconds, 31.4mpg consumption and lower CO2 emissions at 210g/km.

Joining this model in the launch line-up are the Z4 sDrive23i and the Z4 sDrive30i. Both use the same

The interface also shows a 'Properties' pane on the right with the following data:

Property	Value
Format	.pdf
IsReadOnly	0.0000
LastWriteTime	11.09.2011 10:44
Name	The_new_BMW_Z4.pdf
publisher	Microsoft Office Word
Sensitivity	0.0000
StorageSystemType	FILE_SYSTEM

Adding to NogaLogic

Adding to NogaLogic

What is Sensitive Data?

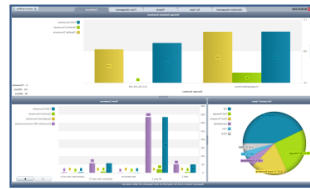
- Information related to the running of the business, such as a business plan, financial information, commercial details, customers, employee information etc.
- Two or more pieces of information which separately are not sensitive, but together in the same document, they are. For example, the combination of a person associated with a particular company.
- Information authored by certain key employees which discuss specific business topics
- Documents which reference key employees and discuss specific business topics
- Documents containing specific sensitive regular expressions, such as credit card numbers, patient record numbers, bank account information, ID numbers etc., and documents containing Personally Identifiable Information (PII).
- Documents containing specific code names
- Documents tagged as 'confidential/top secret' etc.
- Information deemed sensitive by regulations.
- Information needed for an eDiscovery process - information which on the face of it, may not seem sensitive at all, but in the context of the litigation, is.
- Certain data that is deemed to be a business record, which companies are required to retain.
- Documents that are sensitive based on certain meta data, such as a specific author.
- Documents related to a specific topic which management has deemed sensitive.

Management Processes by NogaLogic

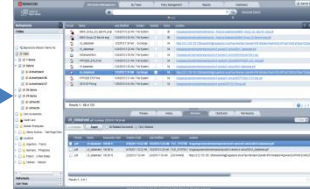
All Data was classified by NogaLogic based on Business Context

Cleaning
Analysis and organization

Dashboard



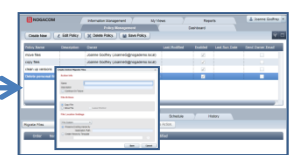
User Interface



Reports



Analysis



Sensitive Data
Identify and organize

Advanced Search & Views

Advanced Search

AND

Keyword Equals roadster

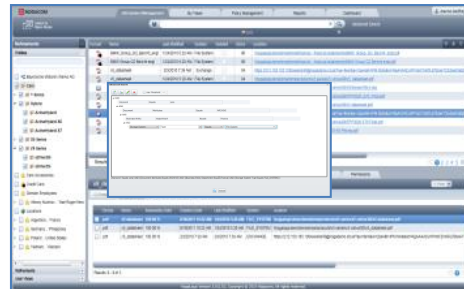
Business Entity Sensitivity Equals 3

Name	Description	Owner	Create Date	Has Alerts	Is Sensitive	Policy Manag
Sets sensibles		Thomas Quedrau (ThomasQ@nogacomo.local)	27.09.2011 18:58			
Memo sensible Documents		Thomas Quedrau (ThomasQ@nogacomo.local)	30.09.2011 22:07			
1 Series - non public		Thomas Quedrau (ThomasQ@nogacomo.local)	30.09.2011 22:09			
Stufe 3	Routine Busine	Thomas Quedrau (ThomasQ@nogacomo.local)	04.10.2011 09:29			
Finanzdokumente		Thomas Quedrau (ThomasQ@nogacomo.local)	04.10.2011 10:57			

- Advanced Search
- Add sensitivity levels
- Organization of relevant data in "Views"
- Policy Management

Data Management
Identify, analyze and eliminate Data Problems

Policy Management



- Copies & Versions
- Adjustment of Authentication
- Adjust Business Processes
- Train Employees
- Add DLP Technology

Why should companies use our product?

- Data Clean up / Data Management /
- Sensitive Data Identification and Analysis
- Enterprise Search
- Data Reporting / eDiscovery
 - Risk Assessments
 - Forensic
 - Regulatory Compliance
- Data Migration / Cloud Migration
 - Storage Management
 - Data Archiving
 - Identify business critical information

Use Cases for NogaLogic

Identify sensitive Data in 7 work days

- Out of 1 TB all sensitive data within 7 working days
- Identify Data at Risk
 - Permissions
 - Copies & Versions
 - Business related information
- Set up Risk Classes
 - Public
 - Confidential
 - Secret
- Tag files and manage them out of the Sensitivity purpose
- Migrate files from repository “x” to repository “y”
- Extensive Reporting capability
- Data Analytics