

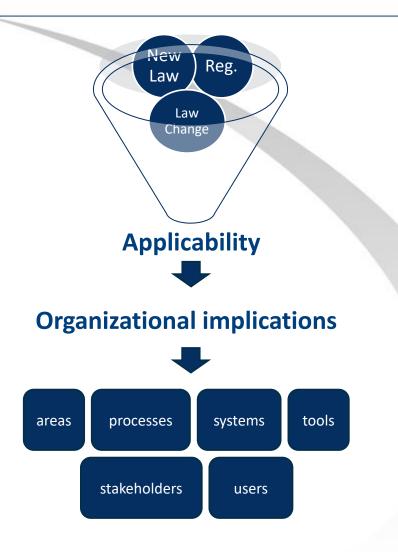


Raedan[,]Al Natural Understanding

Agents for South East Asi

Legal & Compliance

L&C: AS-IS SITUATION AND PAIN POINTS



As is situation

- New regulations enter into law regularly with a considerable impact on all businesses, in particular some industries such as **banking and insurance** are heavily regulated:
 - High volumes → many new regulations and modification of exhisting regulations
 - Strictness → penalties and spread impact on processes, people, documents used with external customers
- The Legal & Compliance department is in charge of reading, analyzing and «translate» the regulations and laws into concrete actions to make the company compliant. ***

Pain Points

- Analysing and reading the regulations and laws is time-consuming:
 - Limited capacity (FTEs)
 - The process is **slow**
- The process is prone to subjectivity



L&C: THE APPROACH

Obligation + acti	on (process) + something (personal data)
Obligation + acti	on (obtai consent) + something (subject data)
Obligation + acti	on (ensure) + something (rights)
Obligation + acti	on (keep) + something (personal data)
Obligation + acti	on (facilitate) + something (rights)
Obligation + acti	on (follow up) + something (rights)
Obligation + acti	on (document) + something (contract)
Obligation + acti	on (mantain) + something (record of)
Obligation + acti	on (limit) + something (collecting data)
Obligation + acti	on (carry out) + something (PIA)
Obligation + acti	on (ensure - prevent) + something (security of personal data)
Obligation + acti	on (document) + something (data breaches)
Obligation + acti	on (identify) + action (demonstrate) + something (measures established)
Obligation + acti	on (involve) + someone (DPO)
-	on (notify) + someone (authority) + something (data breach)
-	on (notify) + someone (authority) + something (data breach)
Obligation + acti	on (inform) + someone (the subject) + something (purpose) + something (rights)
Obligation + acti	on (keep) + somethig (data) + someway (accurate way)
Obligation + som	neone (data controllers) + someone (data processors) + from (EU) + action (process) + action (appoint)
Obligation + som	neone (data controller) + action (verify) + something ()
Obligation + son	neone (data processor) + action (comply) + something (instructions) or someone (data controller)
Obligation + acti	on (designate) + someone (DPO) + action (publish) + something (contact details) + action (ensure) + something (support)
Obligation + acti	on (ensure) + something (data) + where (outside EU)

The deductive approach

- By analysing each regulation and law Cogito is able to detect at the sentence, paragraph and article the **key elements** and the **requested actions**.
- Each potential key requirement is atomized in its minimum components :
 - What is a key requirements: it is the obligation to do something, meaning it could be detailed in types of actions (creation, communication, document, etc) which can involve institutions or direct objects or time-geographic circumstances.
 - Note for internal use only: this is different from the standard apporach where we would customize taxonomies for every regulation; following that approach the use case would be inefficient



L&C: THE SCENARIOS

1° SCENARIO NEW REGULATION

• New regulation analysis, data extraction and

categorization

• New rules impact on customer existing documents



Text

ART ENT NOU PREENT VER The United States presidential election of 2016 was

ART ADJ NOU PRENOU ENT 2016.The Republican ticket of businessman Donald

CON ADJ NOU PRE ENT ENT PR Clinton and U.S. Senator from Virginia, Tim Kaine.O

office as the 48th Vice President.

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

The Limits of paramete shoun in the Orcitanizans is the most available to pay any combination of damagas, modelad appendences and advected loss adjustment explosioner covered by this policy. Various other provisions in this policy restrict coverage. Read, the entire policy carefully to determine rights, duites and what is and is not covered.

Transplot the policy the works "yes" and "yes" refer to the Named Insured shows in the Decontiner, and any other policy in organization qualitying as a homed locured under this policy. The works "we", "se" and "se" metry the under proceedings for financian.

The work Treams in yourse any period or organization quality of as a white the file of - Wee is the insured. Other works and primes that appear in qualitation marks have special meaning. Perform Section V - Oxford one SECTION - COMMARKS

COVERAGE A - BOOLY INJURY AND PROPERTY DAMAGE LIKELUTY

5. Decading Agreement

A thread pay these must built be encoded screene legitid of spheric pay as designed because of holdy bary of hyperb, designed is a control the intervent applies. You will have the spheric day to obtain the must append any hold south the intervent applies. There we want have the spheric day to obtain the intervent append any hold south the intervent way of here to a buy to obtain the intervent applies and hold south the intervent applies are becaused and so the spheric day to the state apply. We may also an describe, meeting is any "constrained" and softwards any obtain of "half that may share the spheric day.

(t) The should we will pay for damages and "choosed loss agadetest supervise" is build as described in Bedran E - Unde Officialities, and

(3) Our cycl and duty to defined ends relate we have used up the applicable lant of insurance in the payment of

(a) Autories or solitements under Coverages A or 8

(b) Medical expenses under Christige C; of (c) "Model lines adjustment expenses".

The other chilgebox or fieldbyte pay sums or perform ads or sensors is occared

This restance splexits "softynger," and "priperly campa" any it.
(b) The "body input" of "priperly clamps" is caused by an "powerser," But leave place in the "powersplexits","

- (2) The "solidy lighty" of "property demage" accurs calling the policy period, and
- (b) Not in the pathy particle, no instant allow a control Pragmany. A stillar basis is the local basis was not an experimental or a single-standard and pathy and p

a. The divergency' or "property desception which exclude desception and presented and near and presents the exclusion probability any strategies desception of the exclusion of the exclusion

4. Surger space of inspects design of the denses to have been trace to be an except of the variety data and a second of the trace of the variety of the second of the variety data and the variety of the variety of

(b) Receives a wellow or wellow demand or carm for demages because of the "body righty" or "properly demage", or

2.02/0818 Displaying Indulter application of the same Display, which persons the provide second seco



L&C: THE SCENARIOS

2° SCENARIO MODIFICATION OF EXHISTING REGULATION New release of the Adjustments impact on Comparision between new and regulation analysis, data customer existing old release documents extraction and categorization Customer name: Farmers Group Inc. General conditions Customer name: Endorsement Issuance country: Austria Issuance country: United States of America, Kansas, Nebraska Groups People Generic People Policy type: Master Policy type: Local concepts Text references (3) COMMERCIAL GENERAL LIABILITY COVERAGE FORM Activities General Limits and professional activities Per occurrence: 150'000'000 USD Per occurrence: 10 000 000 USD The Unight of Parameters shows in the Declarations in the most available to pay any combination of damages, model as explanations and advantation is an appointent advantage converted by this policy. Varieus other provisions is this pairs restrict converge. Rand the entity policy carefully to determine adjust, during and what is got is not converge. Physical Aggregate: 150'000'000 USD Aggregate: 10,000,000 USD Time Organizations objects Throughout the policy the words "yes" and "yes" role to the hashed theories shown in the Decimitation, and en-dow powers or operations qualitying as a hierard theorem under this policy. The words "we", "so" and "sou" where it is a single priority for induction. The next Transfer means any person or regarded to quality a prevail under the transfer II - West AA transfer Other were an optimized that appear to garded water have great meaning. Perform the two V - Quality Coverages Physical Verbs DURAGE A - BOOLY INARY AND PR Places maring Agreement objects General limit (per occurrence): 150'000'000 USD Loss Prevention Expenses State General limit (aggregate): 150'000'000 USD The instant agency way had a sensing these damages between our rel have manufagenil any had assisted tandges to haddy buy a "properly-compy" tree or a reply Versing of our description, montigate any "sourcestant" and each many model. Mo No Condition Applicable (5) The should us will pay to delease and "decided has adjustment expenses" is initial as described in Sector E1-Crists Of Francisco, and (b) Our right and only is defined only refers we have used up the approache with of economics in the parameter of jegende af 40 - Augustels ar sellenherts under Constages & et 8, 64 - Handraf expenses ander Constage EX of 90 "Noroldeches absoliteret expenses". No aber chigden of fablische ay und of pertoen ads ar senses in soveral Personal Injury General limit (per occurrence): 10.000.000 USD Applicable limit (per occurrence): 150'000'000 USD General limit (aggregate): 10,000,000 USD No Condition Applicable Text The results appears in Sector party and property classify " any 4 (b) The Sector party is a property decays" is caused by an Sector with Ball later parts in the Sector classifier. No Condition Applicable Vacanza (1997) Sin Tari Andrewski (* 1998) Standard Standard (* 1997) Standard (* 1997) Sin Tari Andrewski (* 1998) Standard Standard (* 1997) Standard (* 1997) Sin Tari Andrewski (* 1997) Standard (* 1997) Sin Tari Andrewski (* 1997 PREENT VER ART ENT NOU The United States presidential election of 2016 was Pollution / Environmenta General limit (per occurrence): 150'000'000 USD General limit (per occurrence): 10,000,000 USD General limit (aggregate): 150'000'000 USD Damages General limit (aggregate): 10,000,000 USD ART ADJ NOU PRENOU ENT This by sharp or "property densate" which ensure during the policy partial and was and, peer to the policy partial, there is have construct by any constant labor under Parapagint 1 or Section 1 - Marcin Adv. No Condition Applicable No Condition Applicable include any completer' autorities by you to prove in receive radios buildes any contraction, charge or recamples of that body equip" or to other contractions. 2016.The Republican ticket of businessman Donald Text references (6) Text references (11) 4. The first start of a characterized with the descent in the second start in the second start in a second start was a second start of CON ADJ NOU PRE ENT ENT (b) Reports of, or any part, white "body sport" or "properly change" to us or one other means; (b) Resource a written or written demand or carity for the demages because of the "body dopy" or "properly. Clinton and U.S. Senator from Virginia, Tim Kaine.O General limit (per occurrence): 150'000'000 USD General limit (per occurrence): 10,000,000 USD Property Damage General limit (aggregate); 150'000'000 USD General limit (aggregate); 10,000,000 USD LOL-OND-DVGATE TRUMPERSON PREART ADJ NOU No Condition Applicable No Condition Applicable office as the 48th Vice President.



L&C: THE DELIVERABLES

To evaluate and access results in an easy way the deliverable is a simple and user-friendly **web** user interface:

- To **upload** regulation and laws
- To see the key requirements identified by Cogito
- \circ $\,$ To ${\it navigate}$ and ${\it cluster}$ the concept and relevant info
- To **export** results



L&C: THE BENEFITS

Direct Benefits

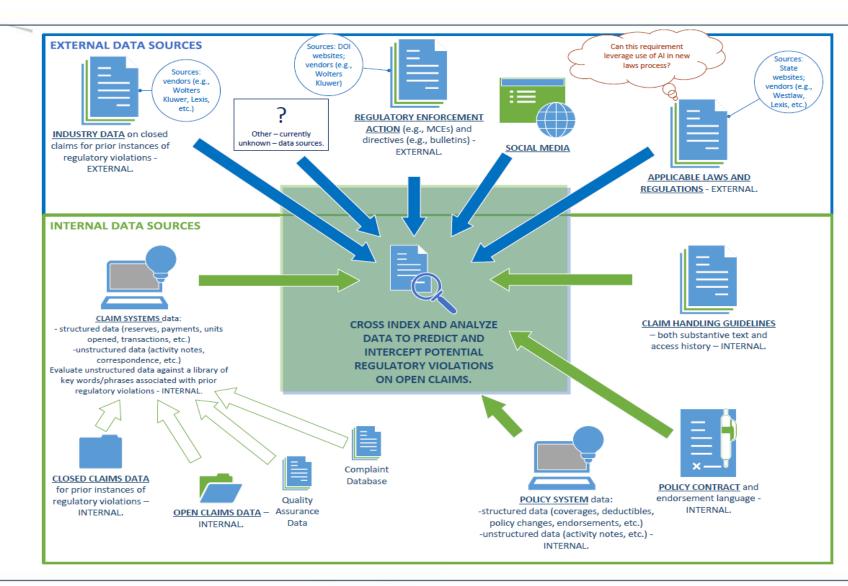
- Efficiency: saving time of the FTEs allocated today on the process
- **Capacity**: increasing the number of documents and source of information
- **Speed**: making the process faster and prevent potential fines & penalties

Indirect Benefits

- Applying the deductive approach allow you to:
 - Scale: the model is independent from the regulation itself
 - Create your Intellectual Capital
- Technology will introdcue **objectivity by design**



L&C: THE FUTURE



L&C could benefit from a complete and multilayer technology application: this is how the architectural approach could look like.





Raedan Al

Natural Understanding

Agents for South East Asia https://raedanai.com

Call us now!Andrew0414 911 923Sharyn0402 268 680



linkedin.com/company/expert-system