

NLP in the Enterprise

Claudiu Musat
Data Scientist
Swisscom AI Lab







Proven business models are disappearing

”

SMS messages were a CHF 400 million business — which no longer exists.

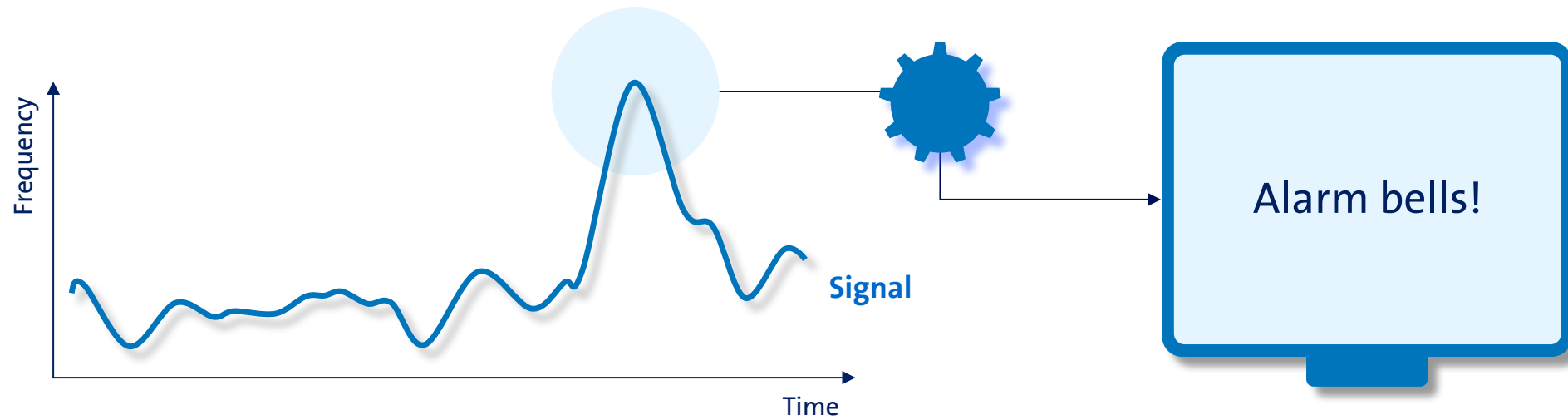
Text messages have been replaced by the WhatsApp service, an Internet company.“

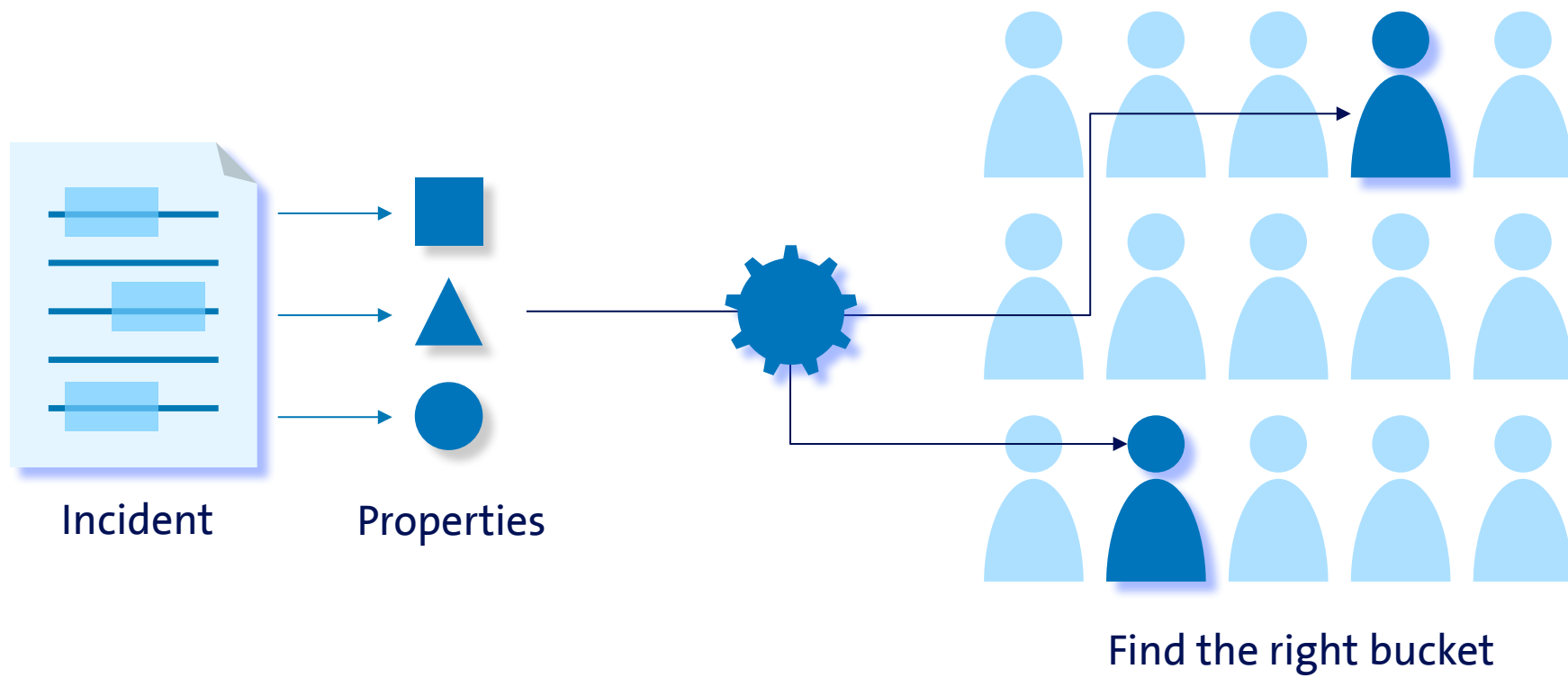
Der Bund

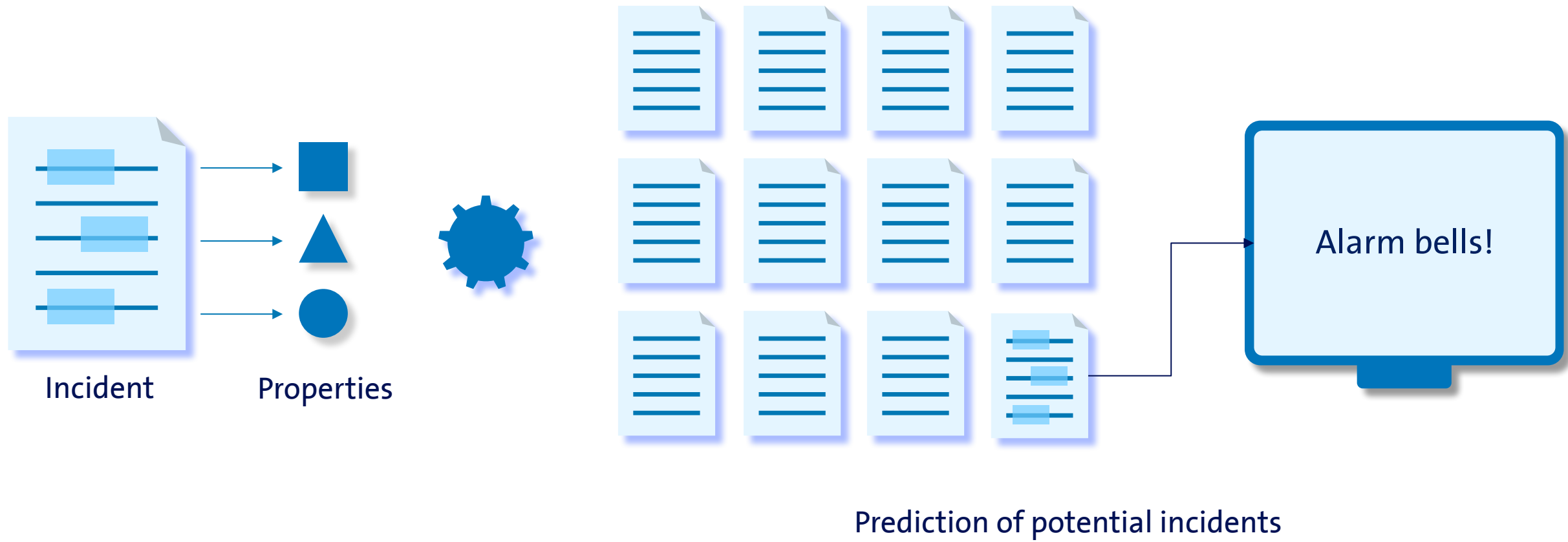


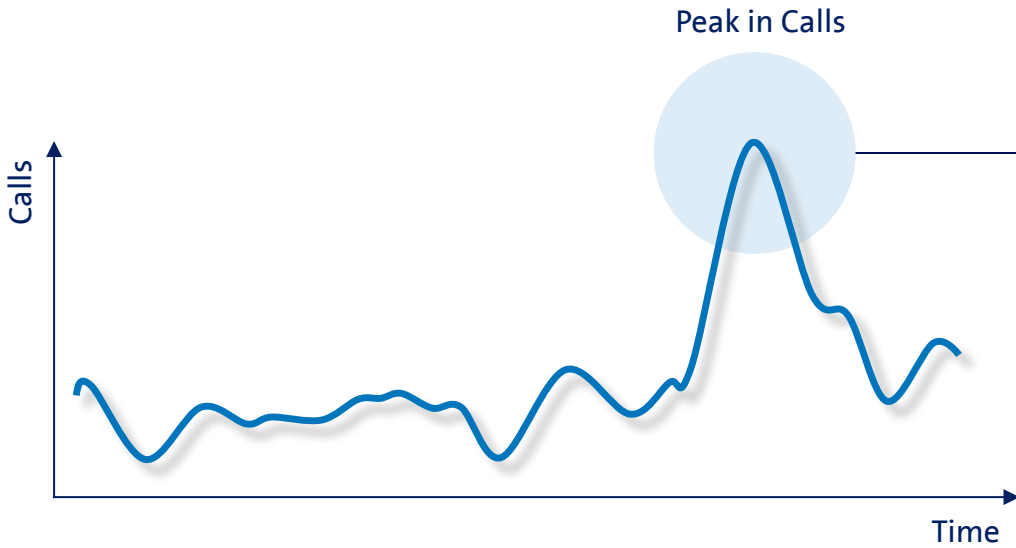
Swisscom Enterprise Customers

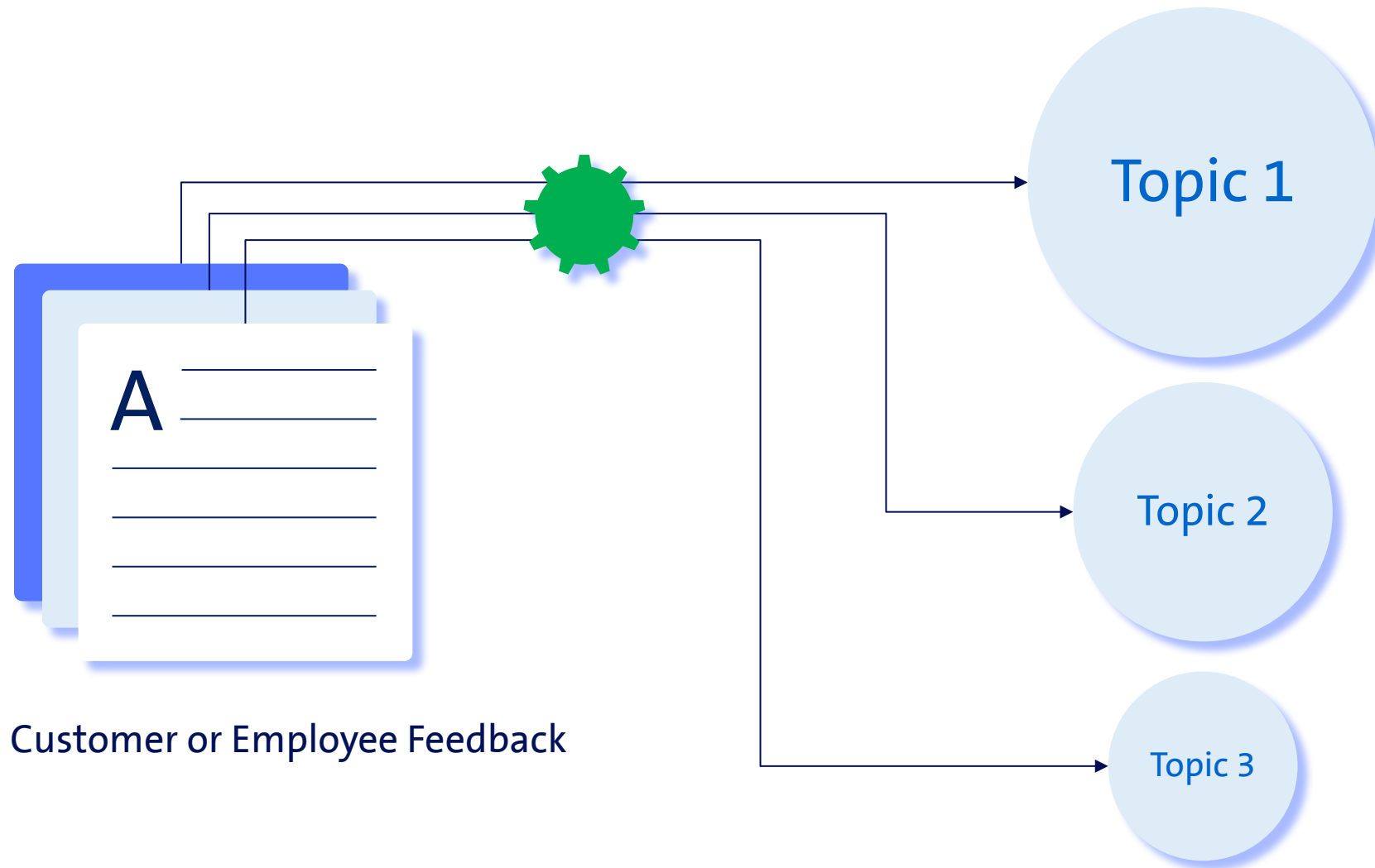
NLP Use Cases



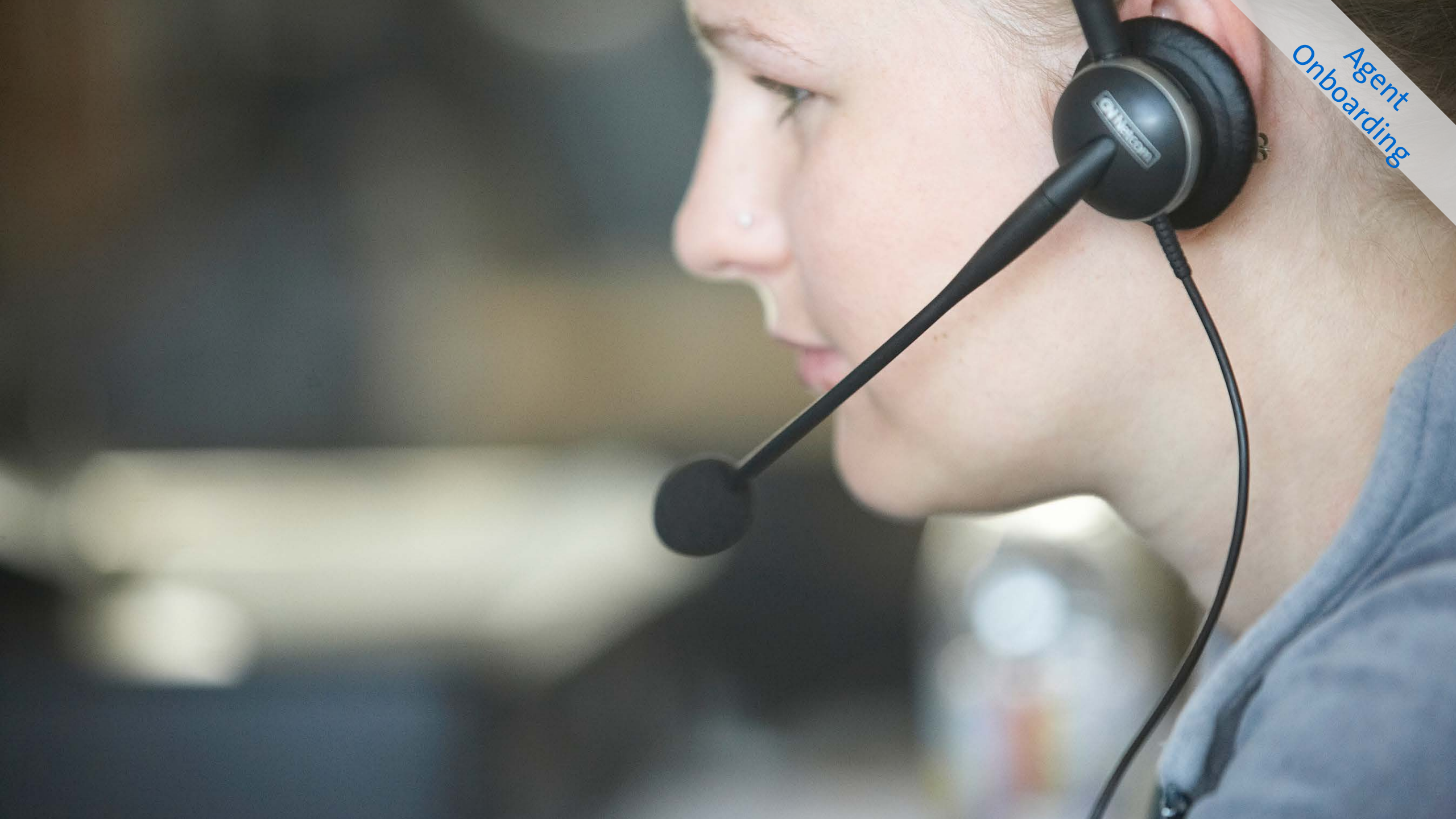


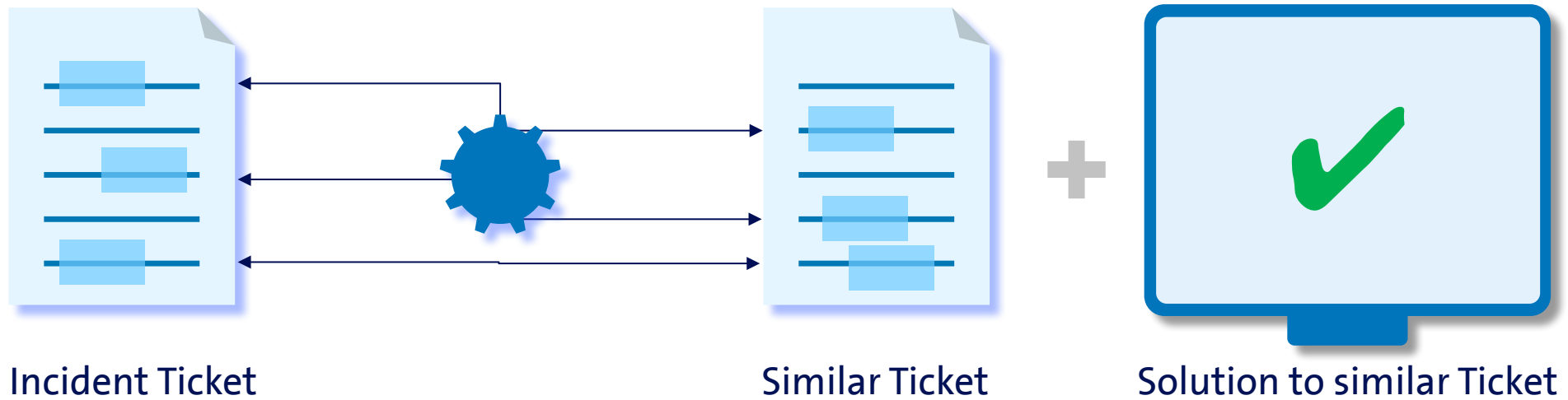




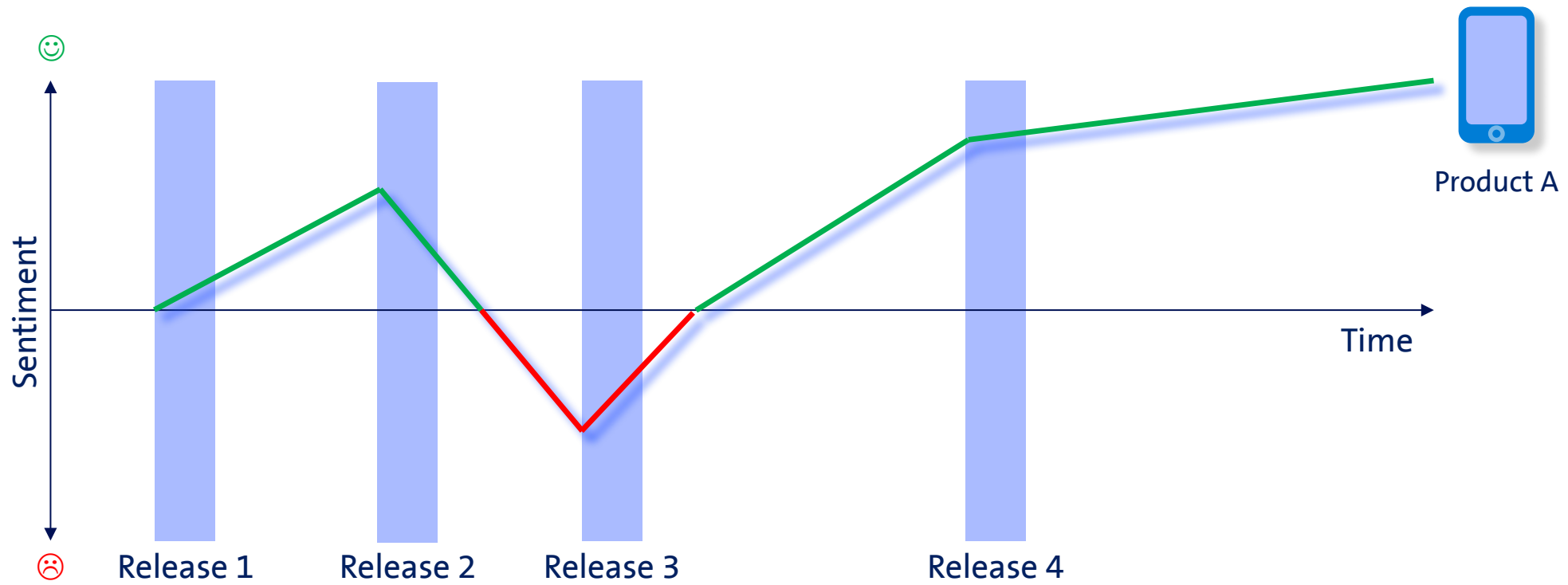


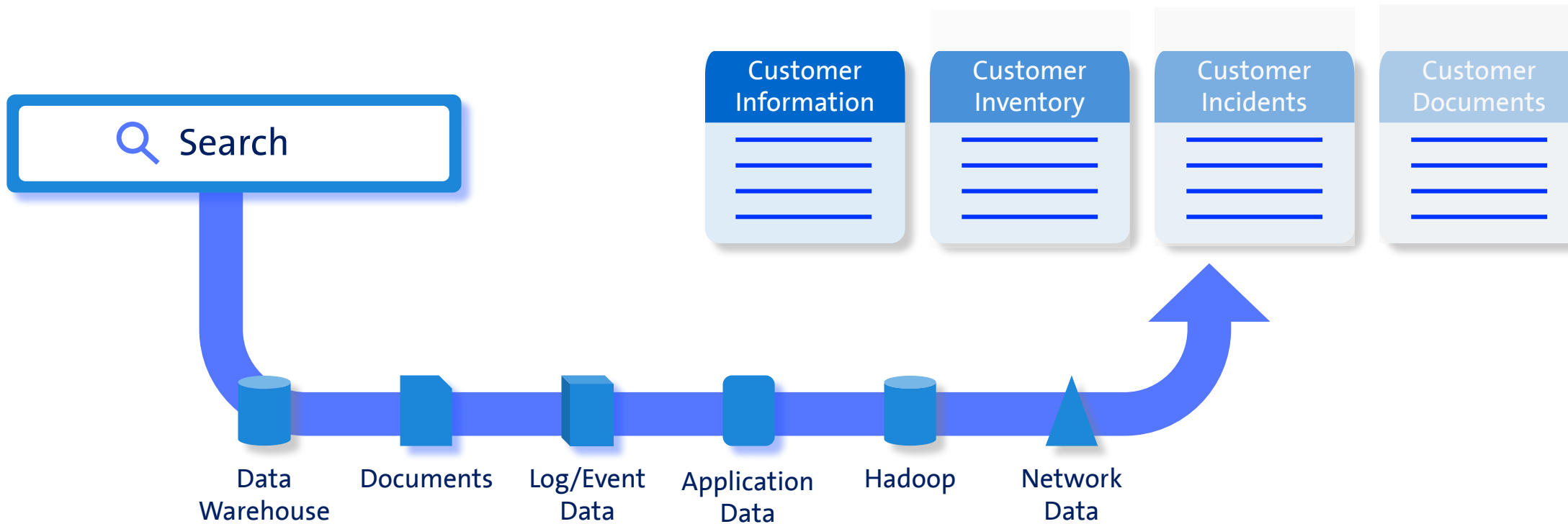
Agent
Onboarding

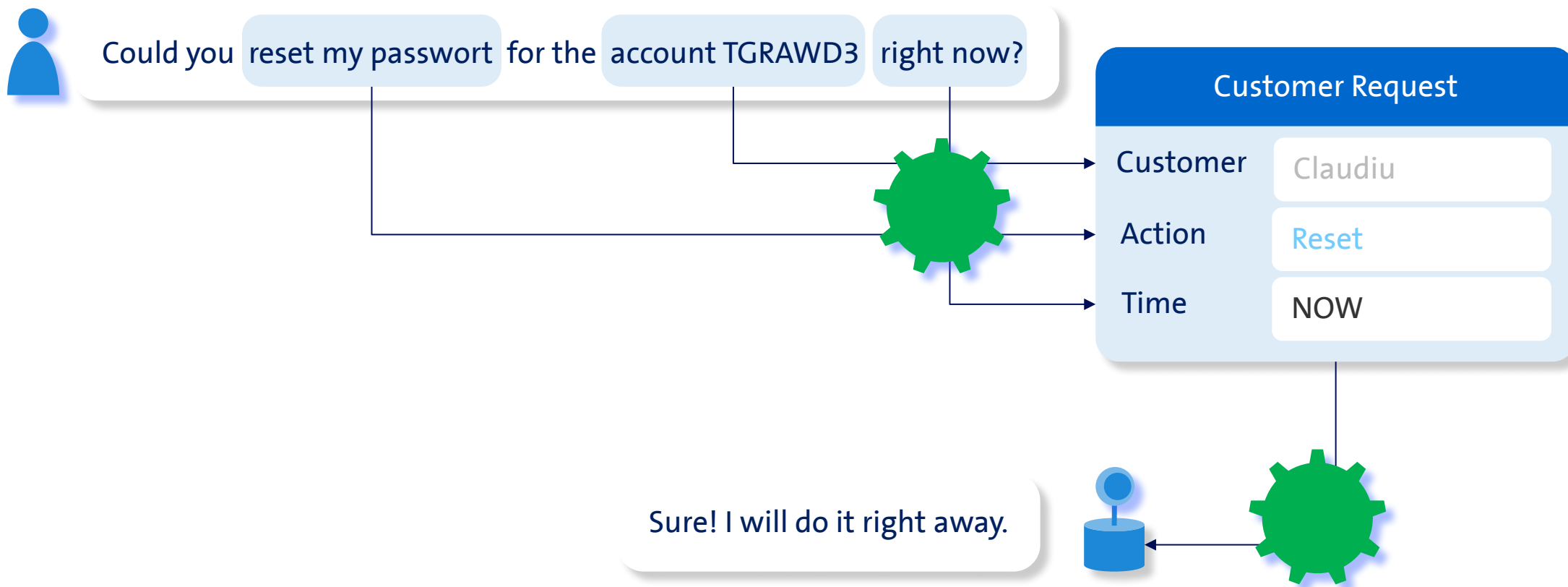




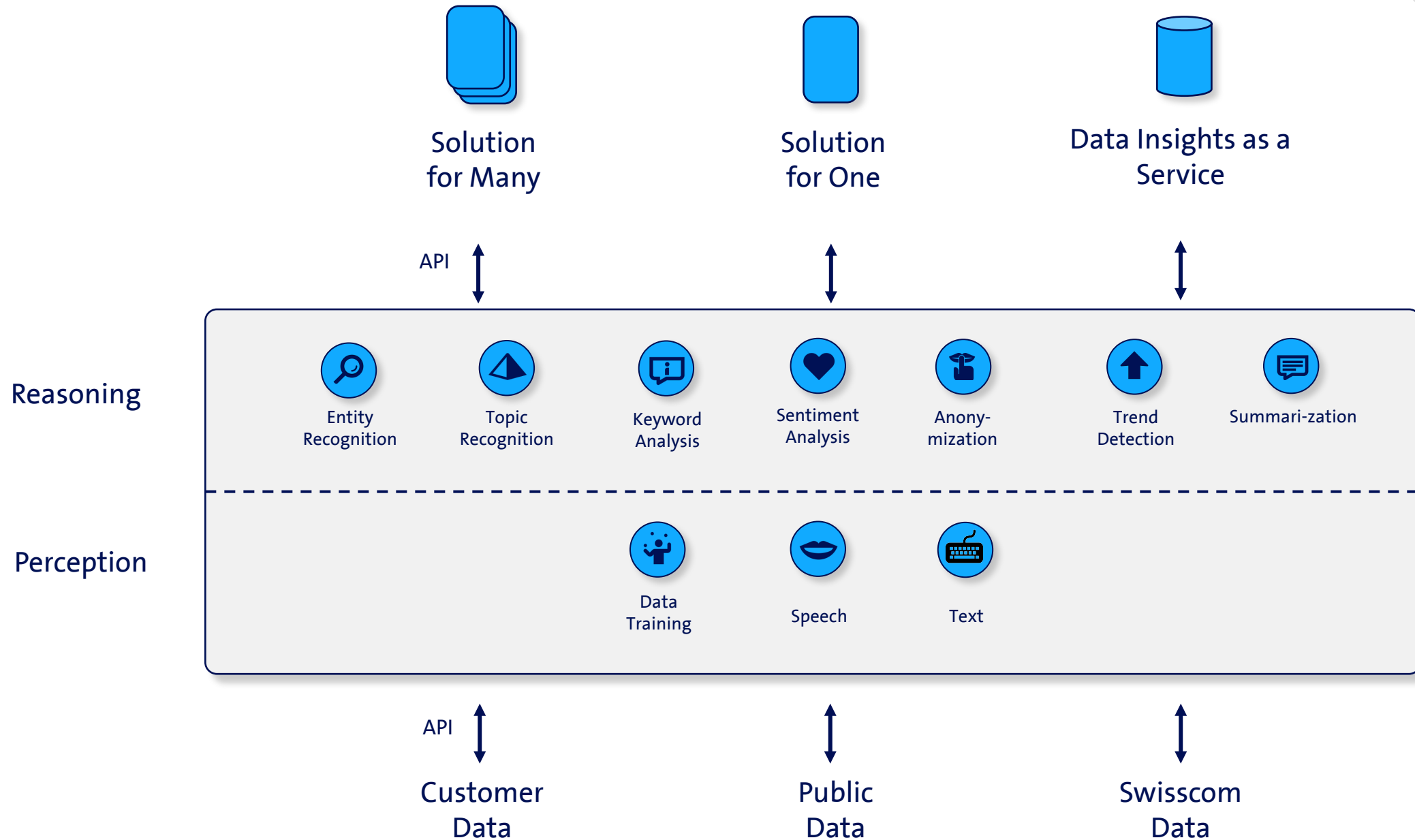


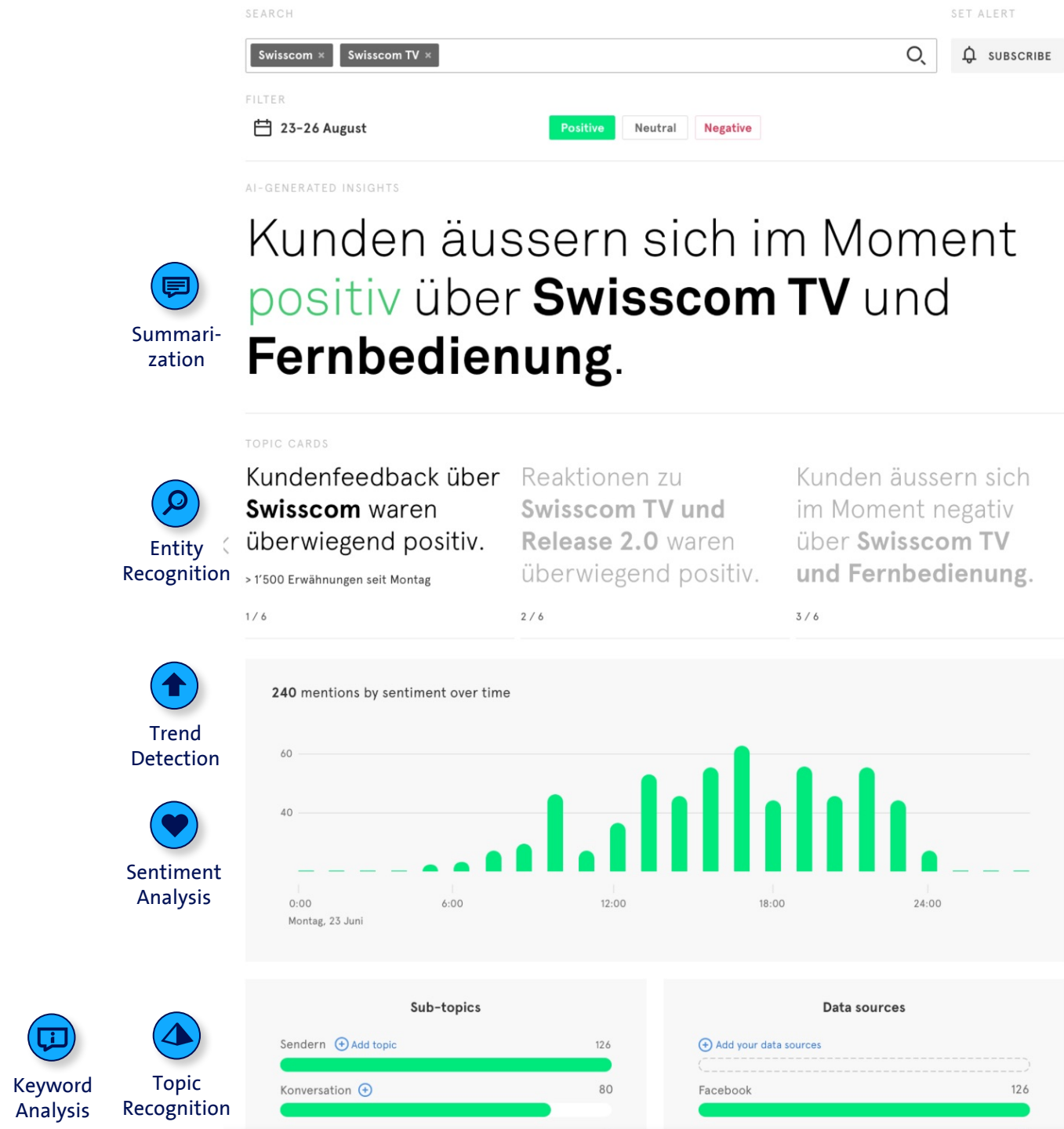




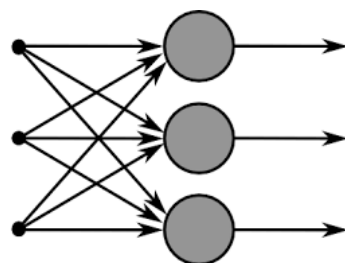
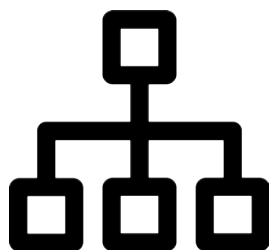
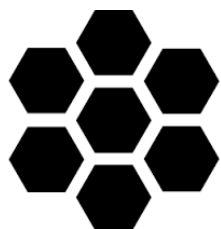
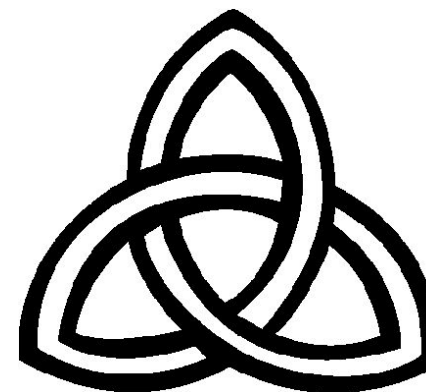


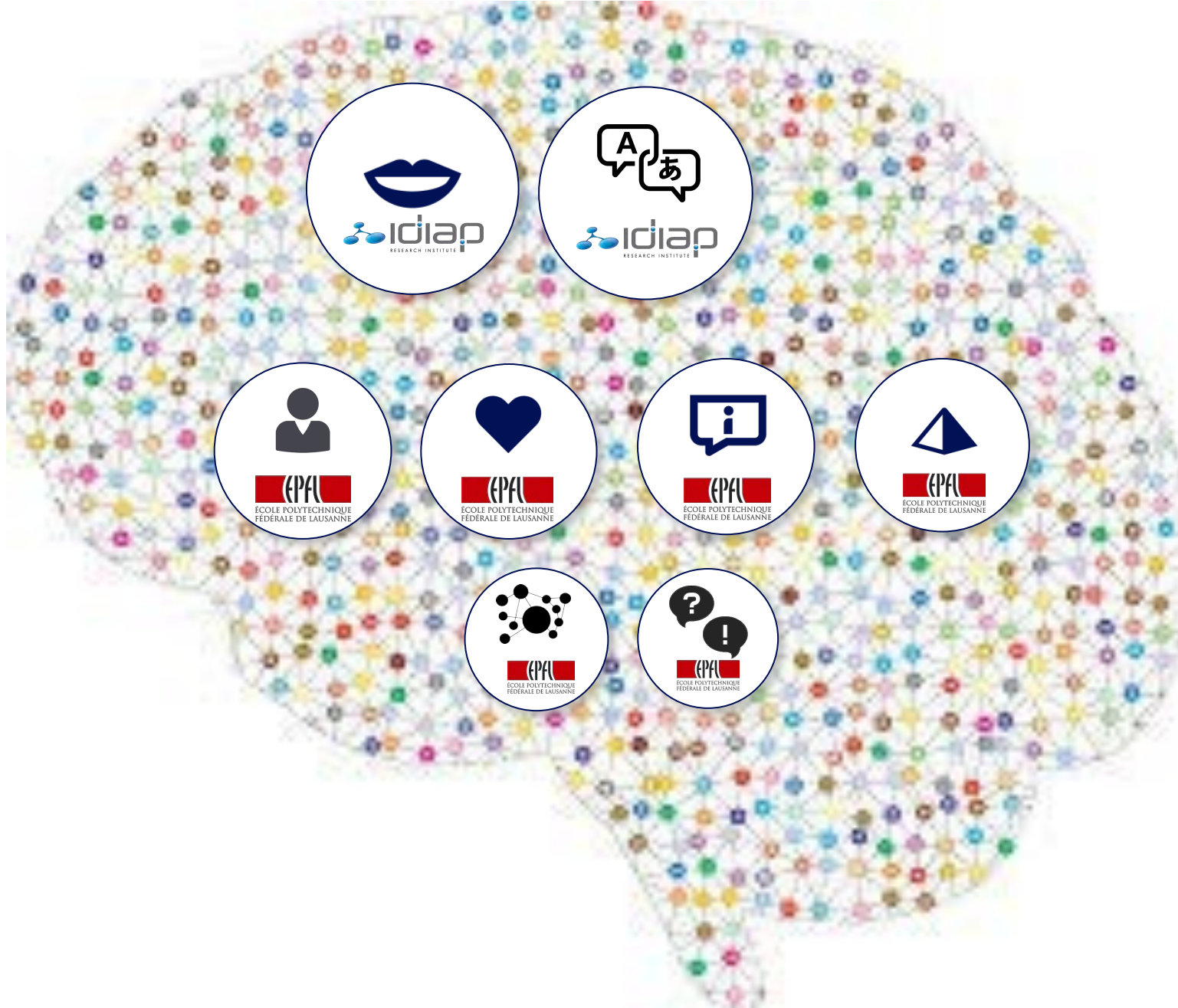
Our Stack

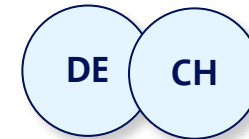
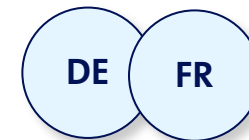
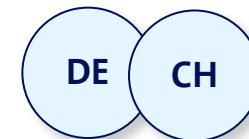




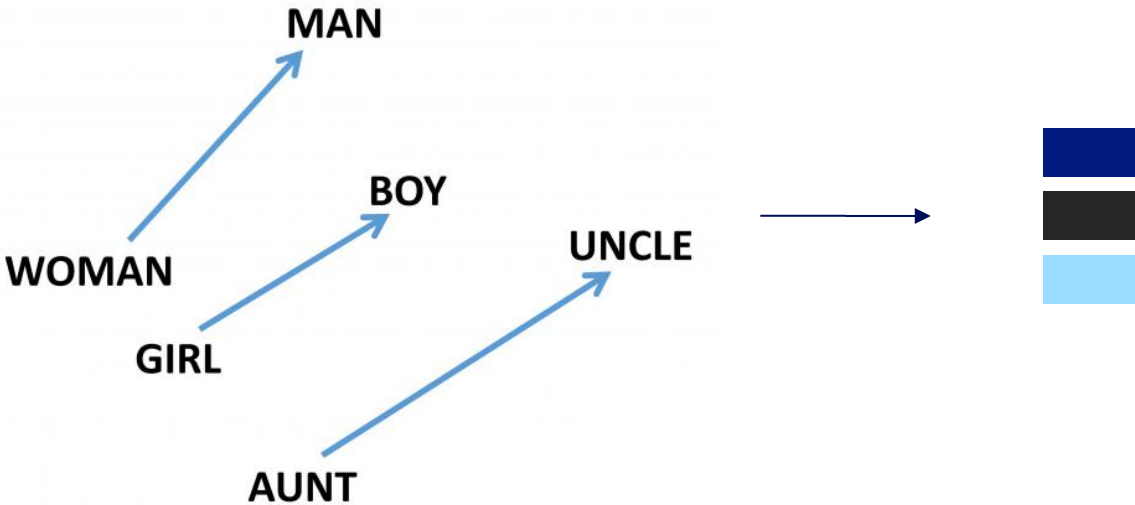
Looking Forward







Key Phrases



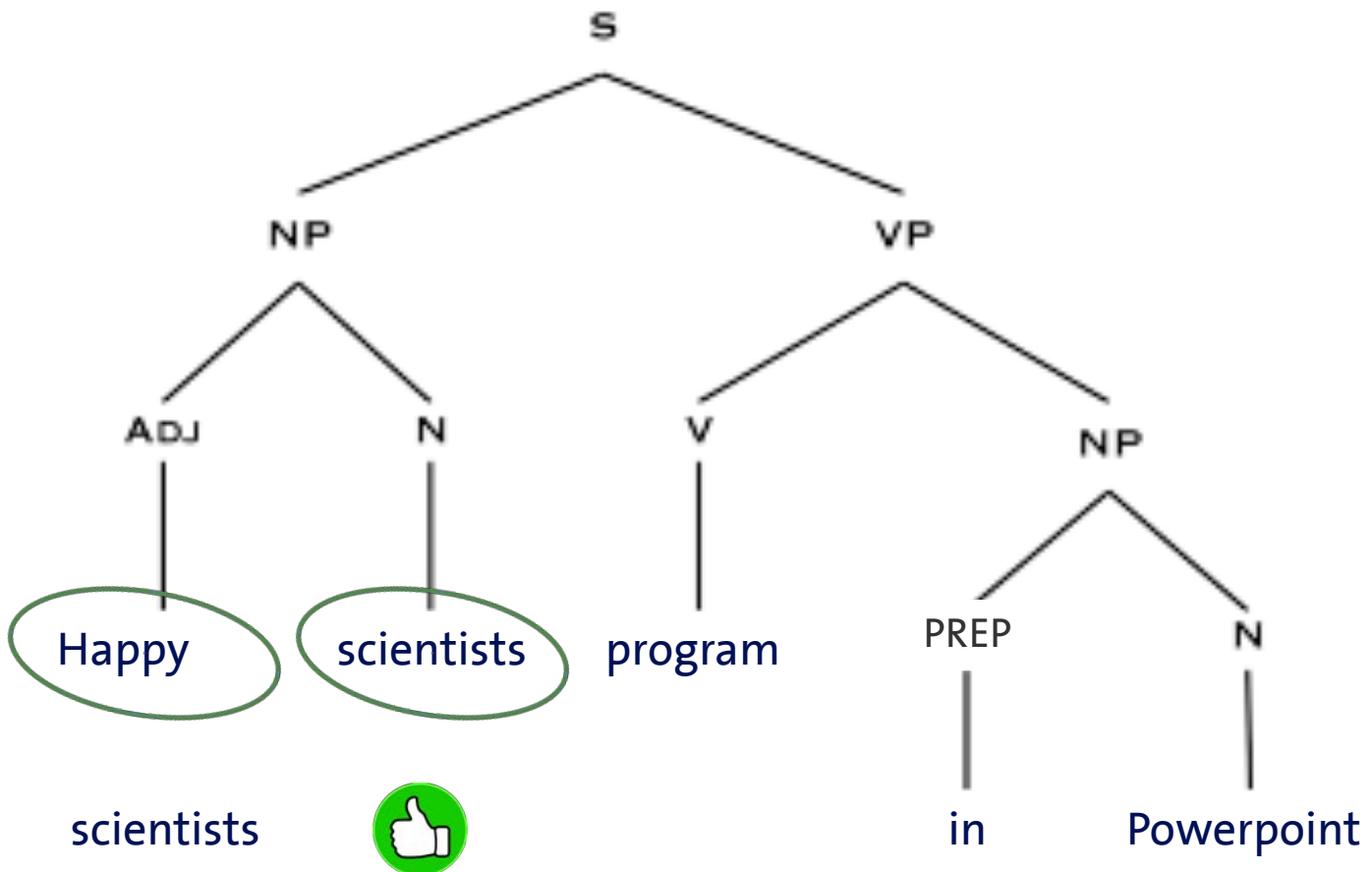


Opinion Mining (MS Thesis)

Master Thesis

BIO:

Happy	O
scientists	B-Aspect
program	O
in	O
Powerpoint	O



Named Entities



WikiNER

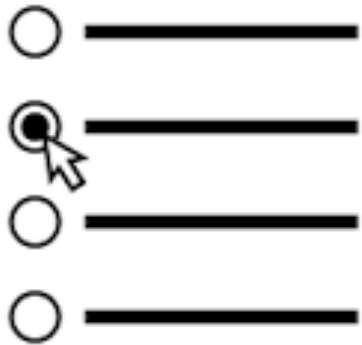


Location?



Zurichsee
Zürisee

Chatbots



Retrieval



Memory



Personalization

Thank you!

Claudiu.musat@Swisscom.com

