



transforming the work place by pushing the frontiers of AI so that employees can become smarter and focus on what they are best at.

# The problem companies are facing



Harvard Business Review suggests that 20% of normal working hours are misspent due to too much data and too little structure.



McKinsey found that 25% of an employees time is spent on looking for information and expertise.

02

## This is equivalent to 1 in 5 employees adding no value

As data is growing exponentially, structuring and cleaning data is becoming harder. Employees are constantly wasting time searching for information they need based on keywords, rather than doing the actual work. The problem is that traditional search is inefficient in the corporate world.



**COMPANIES ARE  
LOSING MONEY**



**EMPLOYEES ARE  
TOO SLOW AT MAKING  
DECISIONS**



**INFORMATION OVERFLOW AND  
DIFFICULT ACCESS  
LEADS TO FRUSTRATION**

**2 months  
wasted**

**ANNUALLY PER EMPLOYEE**

# Value Proposition

Empowering employees, unleashing potential

## SAVE TIME



### NO STRUCTURING DATA

Businesses save time not having to clean, structure and index data



### DATA TRANSPARENCY

quick access to all your organizational data. Saving each employee 72 minutes/day equal to 1.5 months/year



### SAVE MONEY

\$1 mil in salary per 250 employees

## PRODUCTIVITY GAINS



### QUICKER DECISIONS

Employees will have the needed resources to make the right decision, quickly



### GLOBAL COLLABORATION & INNOVATION

The whole organization will be connected with the same information



### EMPLOYEE SATISFACTION

& increased creativity

# OUR PRODUCT

From science to software



# Introducing raffle

## Cloud based tool

running on a private cloud

## Plug and Play solution

deep learning and understanding

## Self-learning AI

learns as you use it

## Security & GDPR compliant

cutting edge security is our priority

Ask any question or tell raffle what you are looking for

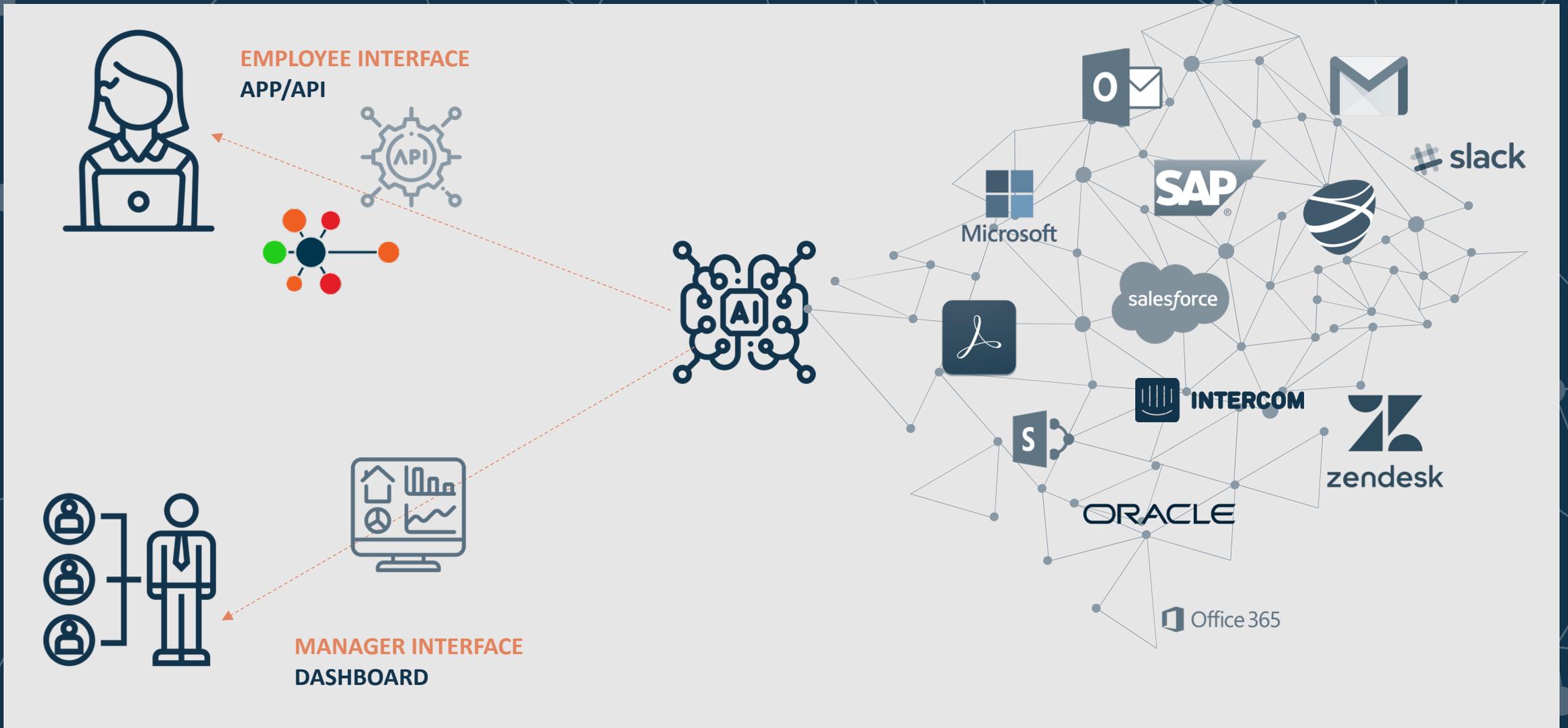
Raffle will immediately give you the correct answer and/or find assets you are looking for

**I am looking for an email about the Cisco deal with the contract** 

	Madeleine Stone, Steven Schmitd	RE: Thanks for today	10-04-2019
	 contract_cisco_signed.pdf		
	Alexander Smith, Jessica Cole	Updating Privacy Policy	09-04-2019
	 cisco_privacy_policy.pdf		
	Madeleine Stone, Steven Schmitd	Meeting Agenda for Friday	07-04-2019
	 contract_cisco_draft.pdf	 agenda_10-04-19.pdf	

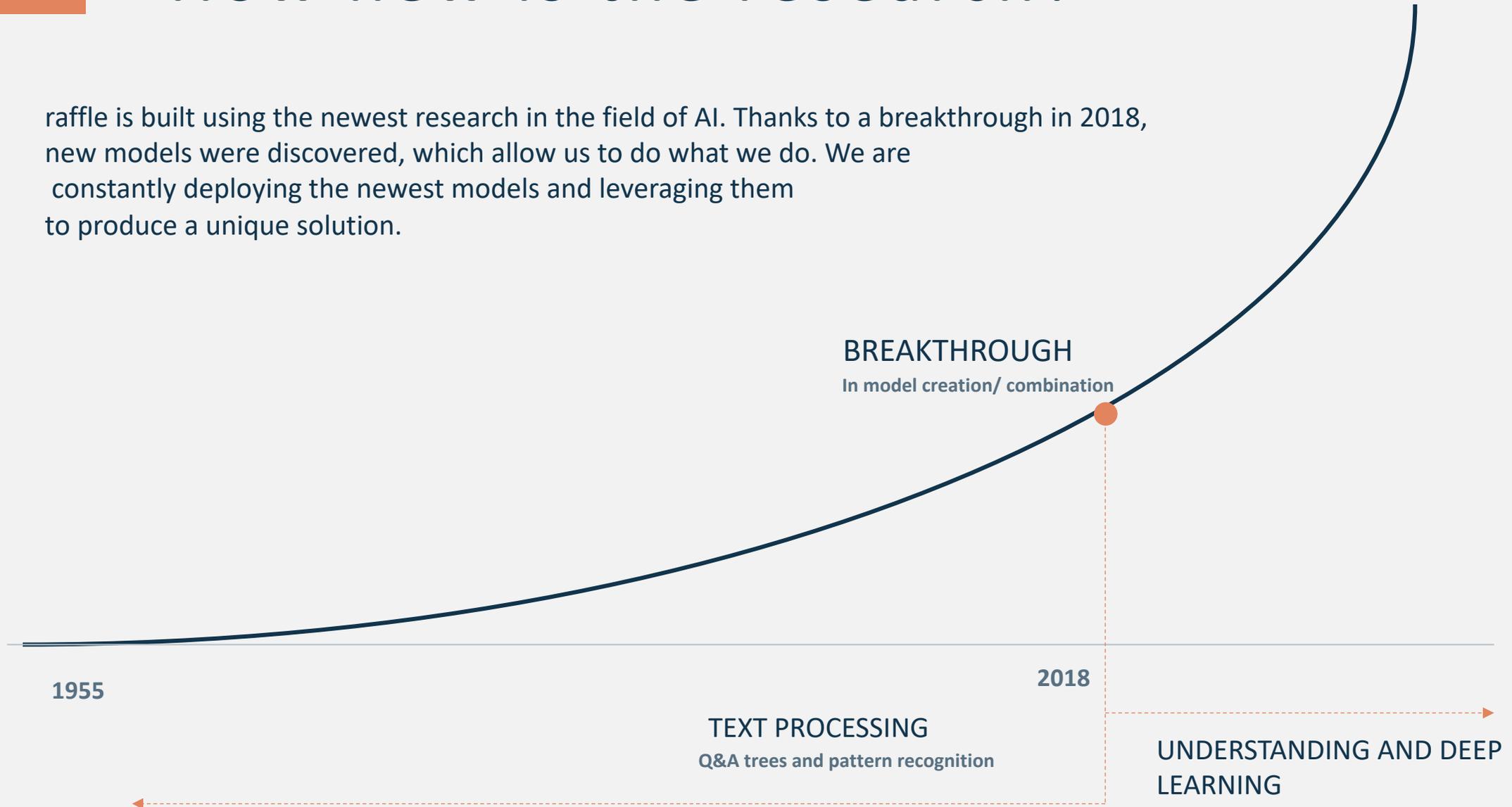
raffle is an AI search tool that can be accessed through a pop-up search bar. From raffle, all company information is just a question away.

# RAFFLE CONNECTS YOUR EMPLOYEES WITH ALL YOUR DATA



# How new is the research?

raffle is built using the newest research in the field of AI. Thanks to a breakthrough in 2018, new models were discovered, which allow us to do what we do. We are constantly deploying the newest models and leveraging them to produce a unique solution.



# Why is raffle unique?



## SCALABILITY

Text is translated into vectors, raffle is industry and language agnostic



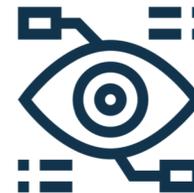
## LARGE SCOPE

Possible to process much more information than a human created rule based Q&A tree



## UNDERSTANDS YOU

no need for keywords or phrases as communication is based on real understanding



## CONTROL OVER DATA

Access to correct and updated information and complete transparency.

# IMPLEMENTATION

Seamless and immediate



# IMPLEMENTATION HAPPENS IN TWO SIMPLE STEPS

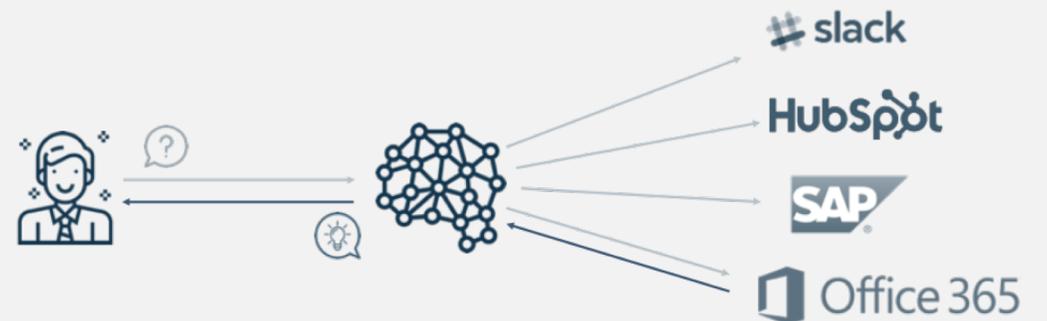
## 1) Plug-in

Select applications to connect with raffle. There is no limit to how many systems you can connect. Once raffle is up and running you can easily scale across more systems and applications thanks to our plug and play GDPR compliant API solutions



## 2) Access & Self-improvement

Provide your employees with immediate access to information. As your employees use raffle, it is constantly improving its data processing models and will continuously provide better answers and becoming more accurate



# Implementation process

## PLUG-IN

### SCOPE OF DATA

- Customer defines and extracts/ gives access to data/domains
- Raffle validates its quality and plans the training phase

## ACCESS

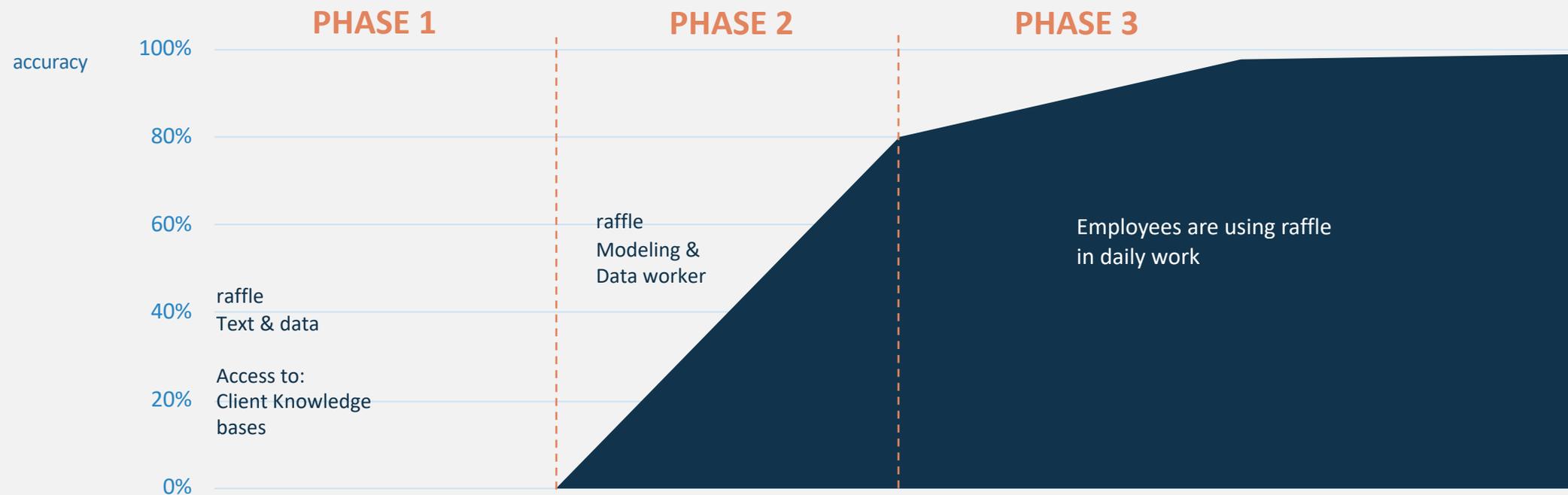
### raffle MODELING

- raffle gets to the agreed level of accuracy with defined scope
- Customer validates the model qualitatively through the raffle interface or API

## SELF-LEARNING

### PRODUCTION

- raffle is running in production
- raffle can be accessed through the raffle interface and via API



# USE CASES

Scenarios



## MANUFACTURING

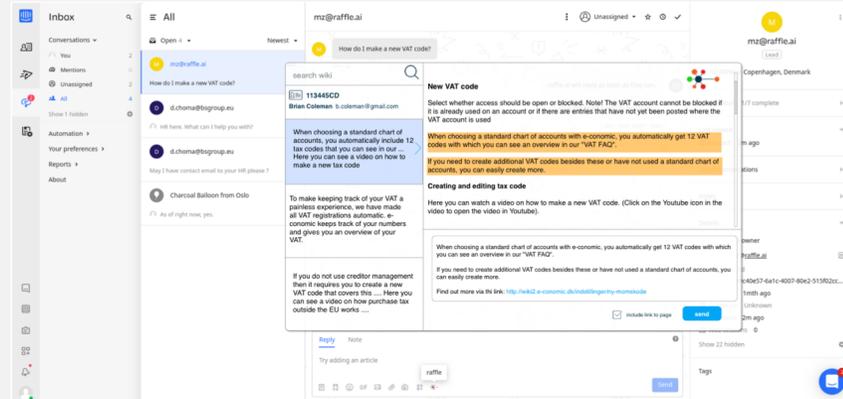
raffle plugs into communication tools and secures quick and correct access to past conversations based on normal text or voice recognition

**How can I check if the fuses are blown in the compressor?**

Compressor General Check up	 <p>Step 2 of 9</p> <p>Check voltage</p> <p>Check power supply: Voltage within tolerance +/- 10% Voltage balance between phases +/- 1%</p> <p><a href="https://danfoss-protocol.com/general-compressor-check/">https://danfoss-protocol.com/general-compressor-check/</a></p>
Compressor will not start, blown control fuses.	
Compressor copper plating	
Partial Loss of bulb charge	
Compressor and Motor Overload	
TXV orifice too small	

## FINANCIAL SERVICES

raffle plugs into customer service systems and assists employees in answering customer inquiries by one click



## HEALTHCARE

raffle plugs into patient databases and quickly provides doctors and other healthcare professionals with patient information

**What pills has 070892-4578 taken in the past two months?**

07-04-2019	Nexium 40 mg once daily for 4 (-8) weeks. Long-term treatment.
20-03-2019	Zolmitriptan 20mg in case of migraine. Continuous subscription
25-03-2019	Xyzal 5mg antihistamine. Continuous subscription

## EDUCATION

raffle plugs into school systems and helps both students and teachers to find the information they need

**Course schedule for international political economy**

Steven Schmidt	Course schedule Fall 2018	05-09-2018
	IPE_course_schedule.pdf	
My Campus > Courses Fall 2018 > International Political Economy	<a href="http://www.mycampus.com/fall2018/international-political-economy/">www.mycampus.com/fall2018/international-political-economy/</a>	
Course Overview : International Political Economy	<a href="http://www.mycampus.com/IB/course-overview/international-political-economy/">www.mycampus.com/IB/course-overview/international-political-economy/</a>	

## RETAIL

raffle helps new employees navigate the onboarding process and assists in providing them with all the information they need

**How can I get a new access card?**

If you are in the onboarding process you can get a new access card by...

If you lost your access card and need a new card you have to send an....

If you are at mycompany on a temporary basis and need an access card....

## GOVERNMENT

raffle immediately answers and HR and IT support questions

**Can I go to the doctor?**

Medical and dental visits must take place in your spare time. If that is not possible...

If, due to illness, you are unable to carry out your work...

If you have a disease that requires treatment or examination, try to get the treatment...

Employees inquire about past correspondence without having to be specific

### I sent an email about a Cisco deal and with a contract

	Madeleine Stone, Steven Schmidt	RE: Thanks for today	10-04-2019
	 contract_cisco_signed.pdf		
	Alexander Smith, Jessica Cole.	Updated Privacy Policy	10-04-2019
	 cisco_privacy_contract.pdf		
	Madeleine Stone, Steven Schmidt	Meeting Agenda for Friday	05-04-2019
	 contract_cisco_draft.pdf	 agenda_10-04-19.PDF	

Raffle looks through all emails and finds the ones that correspond to the inquiry. Clicking on the email will immediately open the email in the employee's inbox

Technical service employees ask a question or search for the cause of machine malfunction

**How can I check if the fuses are blown in the compressor?**



Compressor General Check up	>
Compressor will not start, blown control fuses.	
Compressor copper plating	
Partial Loss of bulb charge	
Compressor and Motor Overload	
TXV orifice too small	

< Prev      Step 2 of 9      Next >

**Check voltage**

Check power supply:  
Voltage within tolerance +/- 10%  
Voltage balance between phases +/- 1%

<https://danfoss-protocol.com/general-compressor-check/>

raffle looks through all the manuals and guides, finding the most relevant answers

Technical service employees receives a step by step guide to fixing the problem

2. raffle finds the most relevant answers to the question based on deep learning and understanding

The screenshot shows a chat window with a customer question: "How do I make a new VAT code?". Below the question, a suggested answer is displayed, titled "New VAT code". The answer includes several paragraphs of text, some highlighted in orange, and a link to a wiki page. The suggested answer is presented in a box that looks like a search result or a document snippet. The chat interface also shows a list of messages on the left and a "Send" button at the bottom.

1. Clicking the raffle button automatically suggests answers based on current conversation

3. raffle finds the most relevant part of information and automatically composes a message for the customer support employee. The employee can edit the message and sees the document or datasheet the answer was taken from.

1. Healthcare professional inquires about a patient based on their citizenship ID or other unique ID

**What pills has 070892-4578 taken in the past two months?**



07-04-2019 **Nexium** 40 mg once daily for 4 (-8) weeks. Long-term treatment.

20-03-2019 **Zolmitriptan** 20mg in case of migrane. Continuous subscription

25-03-2019 **Xyzal** 5mg antihestamine. Continuous subscription

2. raffle accesses the patient database and returns a specific answer to the question

1.

Students of Teachers tell raffle what they are looking for.

### when do I have classes in the political economy course?



Steven Schmidt

Course schedule Fall 2018

05-09-2018



IPE\_course\_schedule.pdf



My Campus &gt; Courses Fall 2018 &gt; International Political Economy

[www.mycampus.com/fall2018/international-political-economy/](http://www.mycampus.com/fall2018/international-political-economy/)

Course Overview : International Political Economy

[www.mycampus.com/IB/course-overview/international-political-economy/](http://www.mycampus.com/IB/course-overview/international-political-economy/)

2.

raffle looks through all the content on Sharepoint and finds the corresponding information across the intranet and outlook. If other apps are connected to Sharepoint, they will be plugged into raffle via and API and also accessed through the search.

1.

Employees ask raffle a question

**How can I get a new access card?**

If you are a part of the onboarding process you can request a new access card at the reception...

If you have lost your access card and need to request a new one you have to send an email... >

If you are here on a temporary basis and need an access card you have to speak to your....

**Lost access card**

If you have lost your access card and need to request a new one you have to send an email to the IT department at [it@khl.com](mailto:it@khl.com).

**In order to IT to process your request for a new access card, please include the following information:**

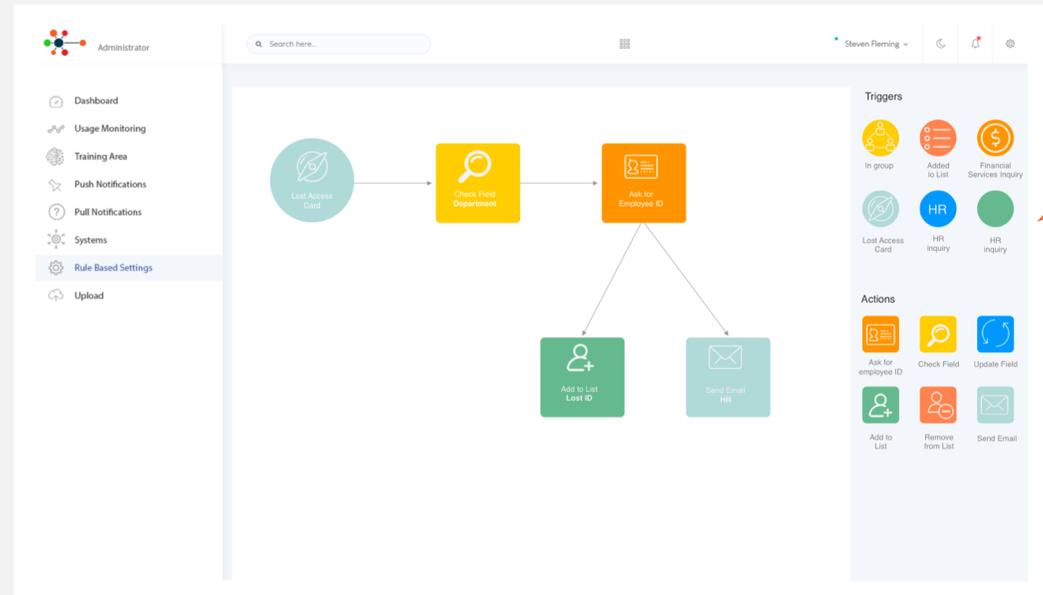
- **First and Last Name**
- **Employee ID**
- **Department** (sales, marketing etc.)

Once you have completed the request you can pick up the new access card at the reception

[283927dke98273.pdf](#)

2.

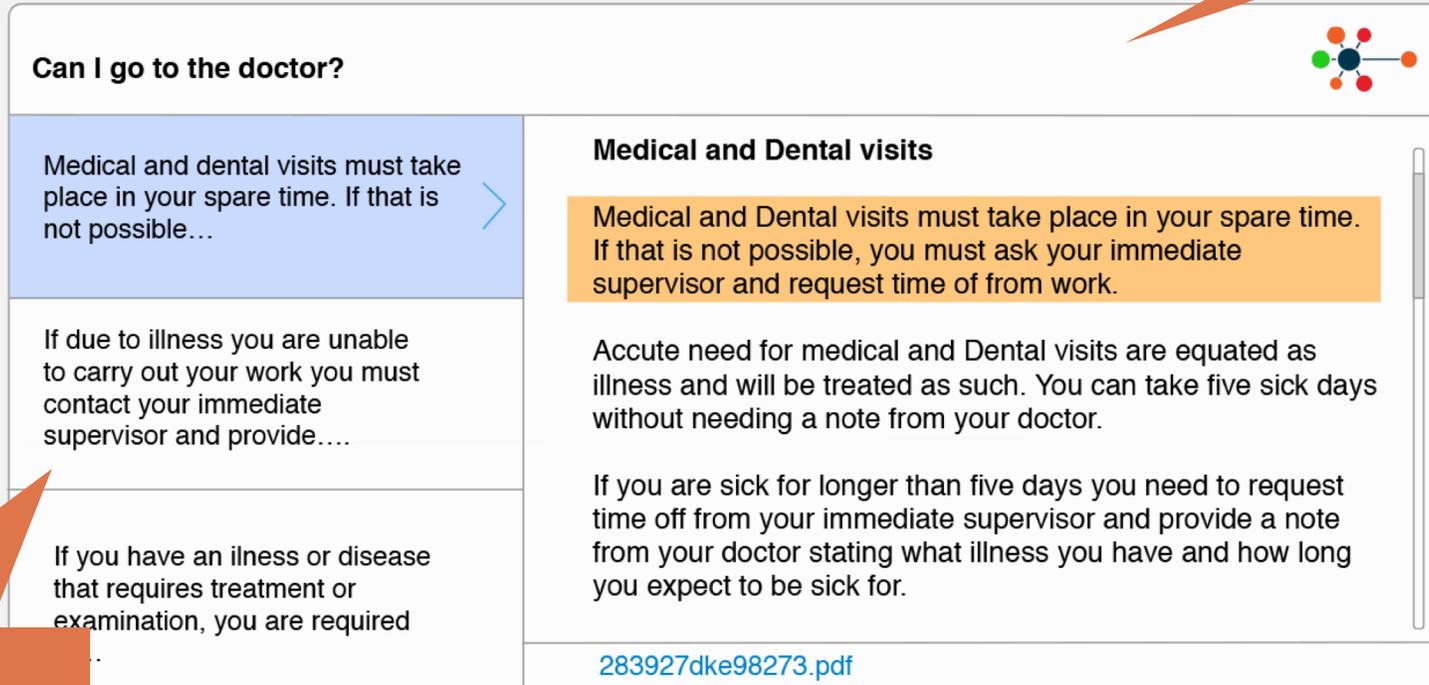
raffle gives an answer based on all the information provided.



On the management dashboard the administrators can set up rules for communication. For example in the case of a lost access card the employee will be asked to provide an employee ID, after raffle confirms the identity of the employee and an automatic email will be sent with a request for the new ID.

1. Employee asks a question pertaining to their employment

**Can I go to the doctor?**



**Medical and dental visits must take place in your spare time. If that is not possible...**

If due to illness you are unable to carry out your work you must contact your immediate supervisor and provide....

If you have an illness or disease that requires treatment or examination, you are required

**Medical and Dental visits**

Medical and Dental visits must take place in your spare time. If that is not possible, you must ask your immediate supervisor and request time of from work.

Accute need for medical and Dental visits are equated as illness and will be treated as such. You can take five sick days without needing a note from your doctor.

If you are sick for longer than five days you need to request time off from your immediate supervisor and provide a note from your doctor stating what illness you have and how long you expect to be sick for.

[283927dke98273.pdf](#)

2.

raffle provides the employee with an answer based on information from the intranet or from uploaded documents such as employee hand books