

NNIT Participants



Jakob Sassersen
Associate Vice President

- In NNIT since 2006
- Global head of Service Support Center
- Previous positions in NNIT
 - General Manager NNIT Czech Republic
 - Global Lead Infrastructure Platform Services
 - Executive Assistant to NNIT CEO
- Outside NNIT (Oticon, EY, Self Employed)
- Dane, but living in Prague since 2014



NNIT Service Support Centre

- We take responsibility for our customers' challenges as if they were our own





AJVaccines











NNIT Service Support Center

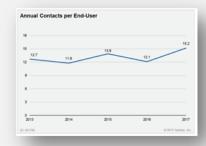
- 2 Key market trends

Demand for omnichannel support

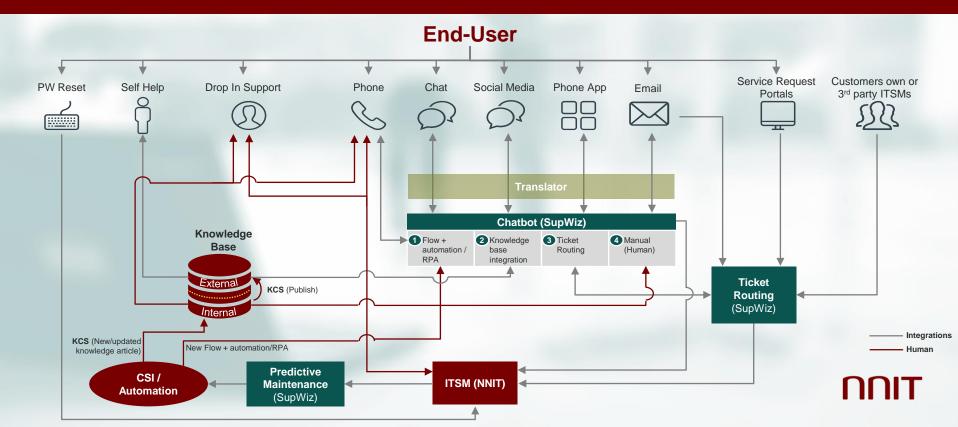
- New technologies as well as new generation of users demand additional support channels for swift service from no matter where they are
 - Chat
 - · Self Help portals
 - Password reset
 - · Phone apps
- This can easily become very expensive to create and operation

Increasing ticket load

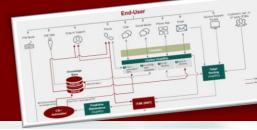
- Expectations have been new technologies like Windows 7/10, cloud applications etc. Would reduce the load on Service Desk but the opposite has happened:
 - · Agile development
 - · Higher complexity in IT



- Omnichannel Support Vision

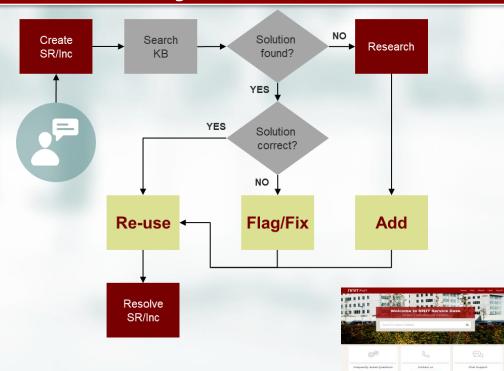


- Knowledged Centered Services (KCS)



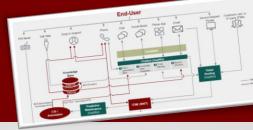
Knowledge sharing integrated in the support process • Knowledge made available to the users

- Content is created as a by-product of problem-solving
- Knowledge articles updated and created based on real issues received by Supplier
- KCS process secures that we dynamically evolve KnowlT continually as well as push the knowledge articles to end-users and chatbot



- Al / Machine learning







Functionality

- Improve ticket accuracy through predicting next assignment group
- Predict correct categorization of tickets
- Automate use of ticket routing functionality
- "Self solving" incidents/SRs

Benefits

- Reduce Time to Resolve
- Reduce cost of operation
- Improved employee satisfaction



Omni channel / Chat bot

Functionality

- Knowledge base integrated chatbot based on customer specific wordings / abbreviations linked to our KCS driven knowledge base
- Flow creation including integration to systems

Benefits

- Secure a consistent high quality
- Increase scalability
- Reduce cost for support



Predictive maintenance & CSI

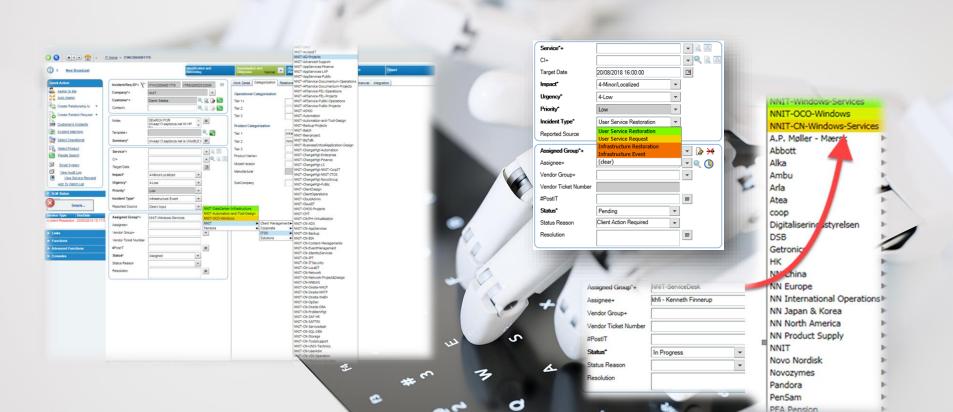
Functionality

- Clustering/trending of tickets to do faster problem identification and removal of pains
- Forecasting potential downtime on systems and infrastructure components

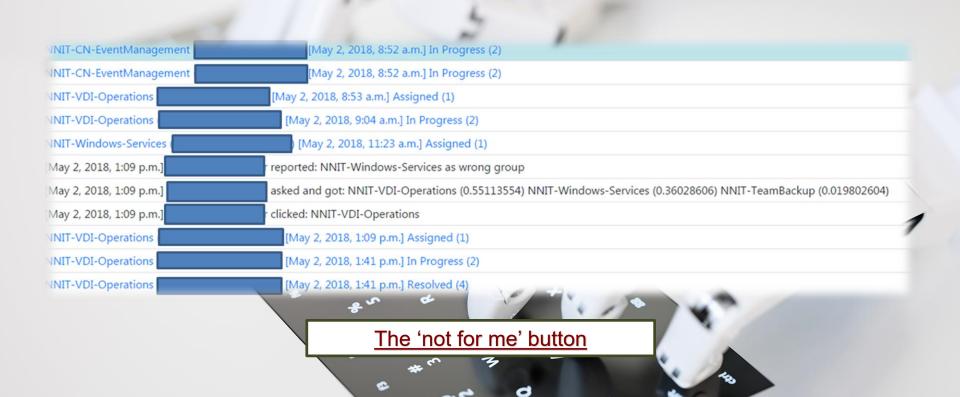
Benefits

- Reduced downtime for customer end users
- Reduce Major Incidents
- Reduce cost of operation

- Ticket Routing (How does it work)



- Ticket Routing (How does it work)



- Ticket Routing (Results of first phase)



Time to Resolve

- Median TTR reduced by 24% compared to same period last year
- 90% quartile TTR improved by 17% compared to same period last year

Cost of operation

 With more than 1 million tickets yearly in NNIT we have saved 66.000 jumps which corresponds to around 5.500 hours saved

Employee satisfaction

 Survey about our ability to remove pains improved from 3.44 to 3.60

Next steps:

- Increase usage of functionality
- Implement additional functionality
- * Savings is a sum of initiatives but with the Ticket Routing as key driver

- Chatbot (How we will succeed)



Understanding customer specific language and abbreviations

Flows generated for most frequent issues/request

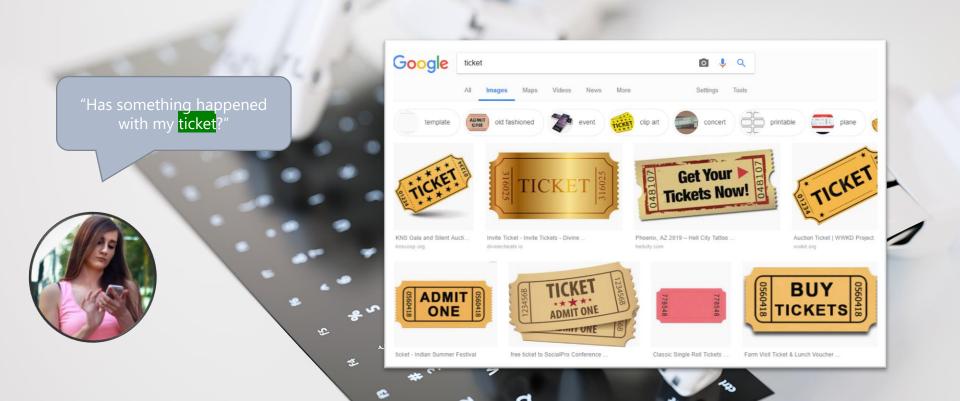
Process automation activated from chat bot

Continuously updated Knowledge base through KCS

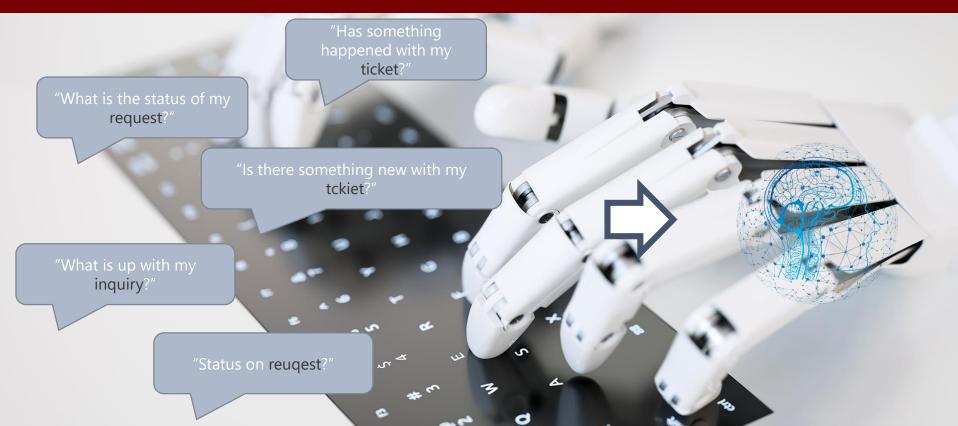
Organizational support to secure sufficient usage of chat bot

Internal prototype Go-live planned for end June 2019

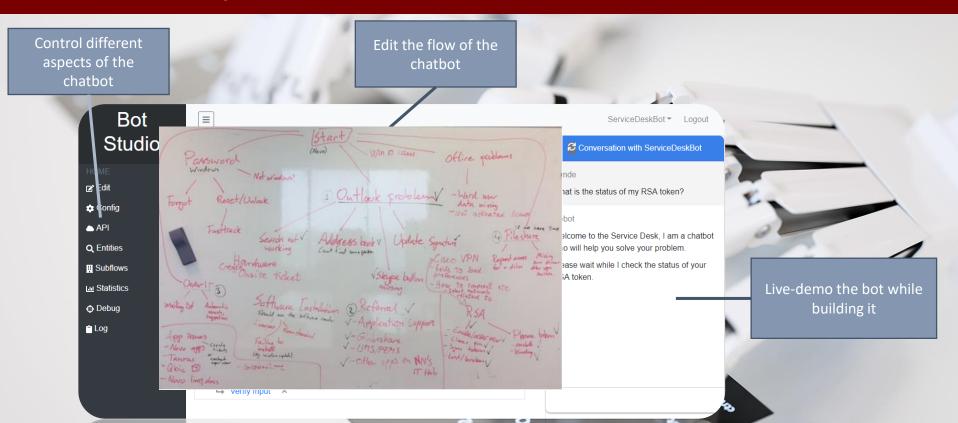
- Chatbot (Dilemma understanding language)



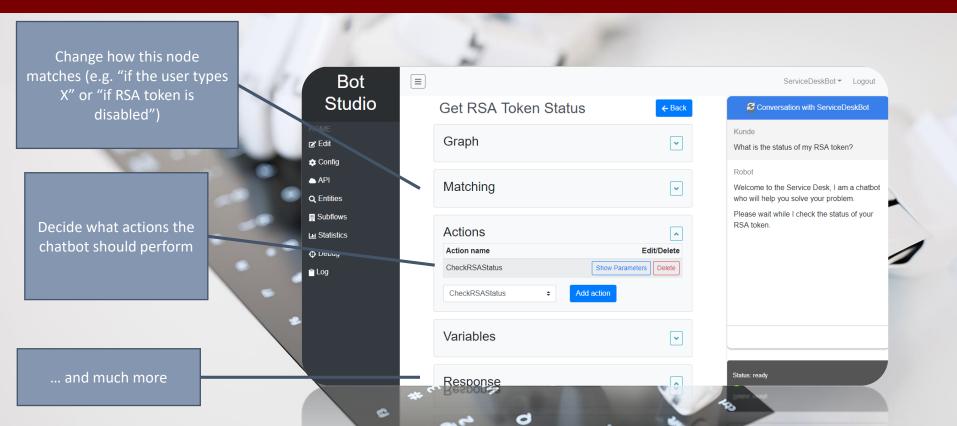
- Chatbot (SupWiz language model)



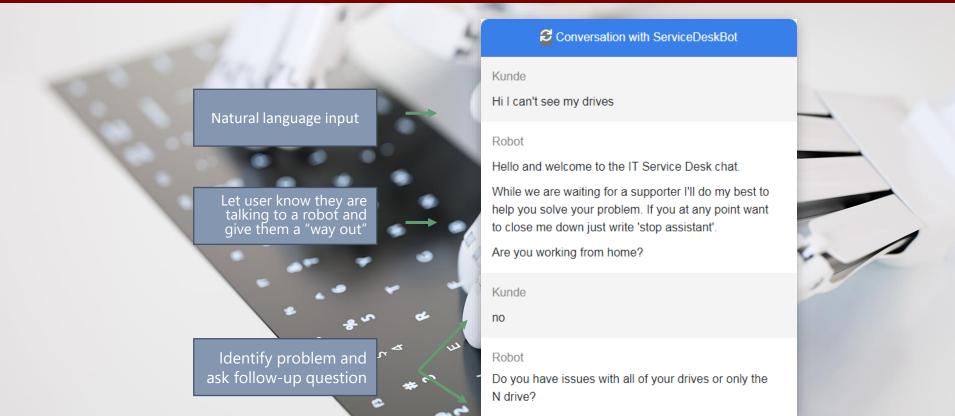
- Chatbot (Flow generation and automation)



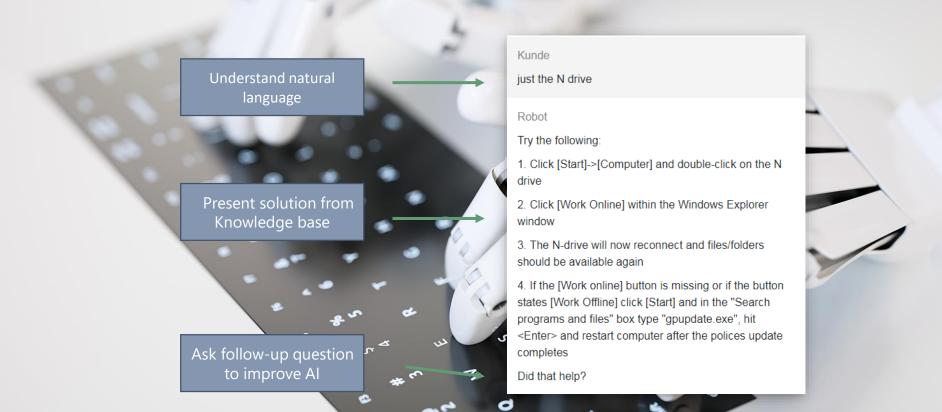
- Chatbot (Flow generation and automation)



- Chatbot (Knowledge base integrated chatbot)



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Kunde

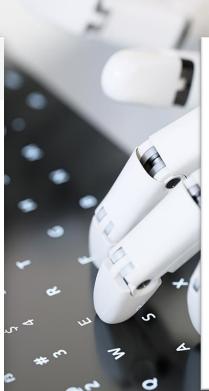
just the N drive

Robot

Try the following:

- 1. Click [Start]->[Computer] and double-click on the N drive
- Click [Work Online] within the Windows Explorer window
- 3. The N-drive will now reconnect and files/folders should be available again
- 4. If the [Work online] button is missing or if the button states [Work Offline] click [Start] and in the "Search programs and files" box type "gpupdate.exe", hit <Enter> and restart computer after the polices update completes

Did that help?



Resolving N drive issue in Windows

To resolve the issue when already logged into Windows, follow these steps:

- Navigate to your N:-drive -> click [Start] -> [Computer]-> click on your "N:\" drive
- 2. Click [Work Online] on the top menu bar
- 3. The N:-drive will now reconnect and files/folders will be available again



- 4. If the button is missing or if the button says [Work Offline] -> try remapping the N:-drive
 - 1. Tp remap your N drive, click [Start]
 - In "Search programs and files" field copy and paste: \\system02\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\texit{\text{\text{\texi}\text{\text{\text{\texi}\text{\texit{\text{\texi}\text{\text{
 - 3. Press <Enter> on your keyboard and wait for the black box to disappear
 - 4. Check to see if your N drive is now available
- If the issue persists, please contact the Service Desk via email (servicedesk@novonordisk.com), phone (+45 444 26000₆®) or by writing CHAT in your browser

Keywords

n drive homedir network drive unavailable inaccessable work offline online No data access ndrive n° cannot open can not my document documents

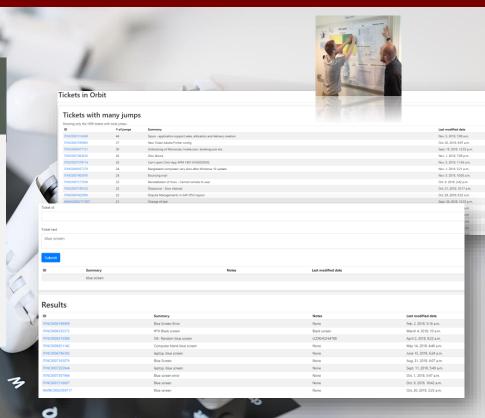
- Predictive maintenance, CSI & Automation



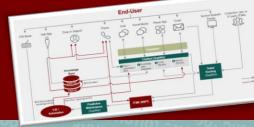
Clustering/trending of tickets to do faster problem identification

CSI integrated part of daily work, driven by service managers

Allocate time for technical SD people to be trained and do scripting of manual tasks



- Key learnings and statements



Learning #1

Focus on your business and make a strategy that might include AI / Machine Learning, not the other way around

Learning #2

Secure management support for the investment – results might not come right away

Learning #3

Make sure you have access to the right people internally / externally to support the implementation of the Digital Transformation



Statement #1

ITSM tools will increasingly become a container for information and you might need to accept lower ITSM data quality for improved efficiency & improved end user satisfaction

Statement #2

Next Generation Support Services do not only cover IT but also other business areas like HR, Quality, Procurement & your end customers within the same framework

Statement #3

AI / Machine Learning technologies are still in the early phases and mainstream adoption will come later than people expect – but it will come

