

Portiva.

# Project Cortex.

The next step in Knowledge in Office 365 through:

- Image and text recognition
- Form processing
- Machine teaching

To create knowledge entities through AI and experts in the MMS. Providing a knowledge card within content and a people card with knowledge. As well as a topic page available through the knowledge center.

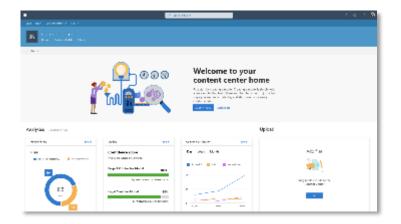


# **Project Cortex**

Your knowledge network in Microsoft 365

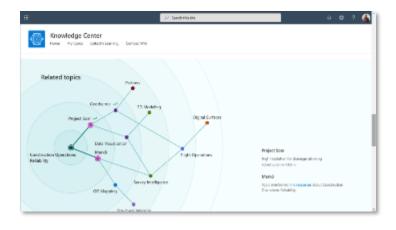
# **MANAGE**

Connect, manage and protect your content with advanced AI, security & workflow



# **ORGANIZE**

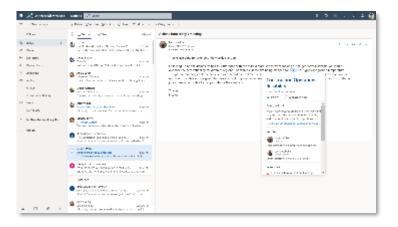
Automatically connect and organize knowledge across teams and systems

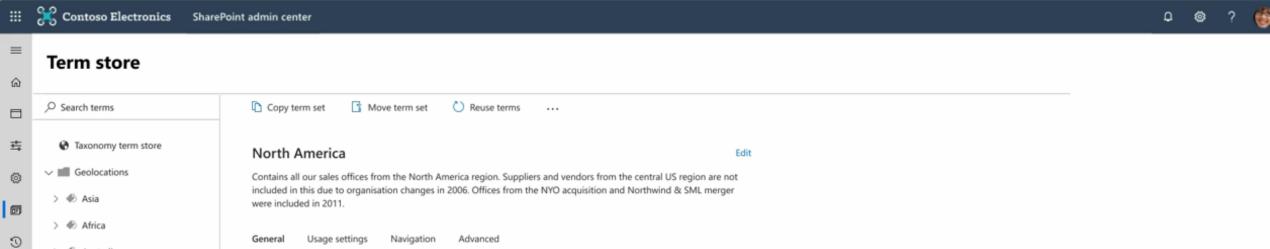


# **EMPOWER**

Empower people with just-intime knowledge

in the apps you use everyday





471ba91225a7437daa289558bc7597da471ba91225a743

Copy

Unique identifier

7daa289558bc7597da

Edit

> 

Australia

> IIII People

Ė

> North America

> 

South America

> III Physical Assets

> III Supply Chain

> III Transactions

Owners

Stakeholders

Contact

**€ € ⊕ ⊕** 

□ austin.castell@fabrikam.com
 □ cynthia.owens@fabrikam.com
 □ lois@adatumcorp.com
 □ corry.leak@lucerne.com

# Measure and improve use of metadata

Analytics to assess effectiveness of taxonomy and enterprise content types

Recommending insights and actions, to maximize managed metadata ROI.

Microsoft 365



0 0 =

#### **Analytics Dashboard**

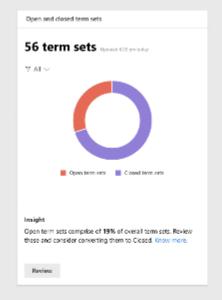
Term store composition

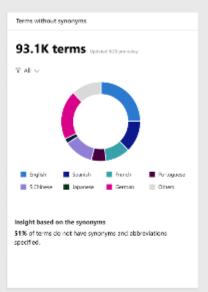
17.9K terms updated 00 periodey

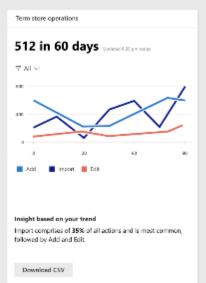
V AII >

Insight based on your terms
Unterprise keywords comprise of J1% of overall terms. Review these and consider adding them as managed terms.

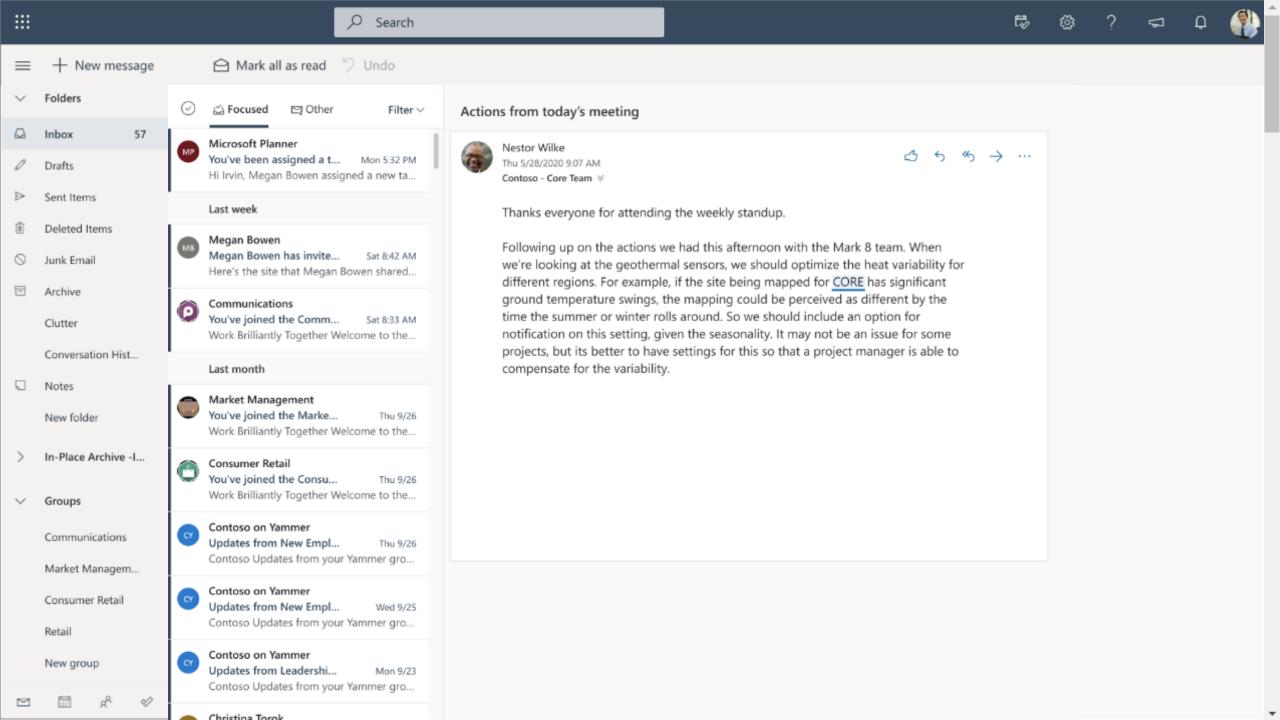
Review



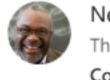












Nestor Wilke Thu 5/28/2020 9:07 AM Contoso - Core Team ⊗

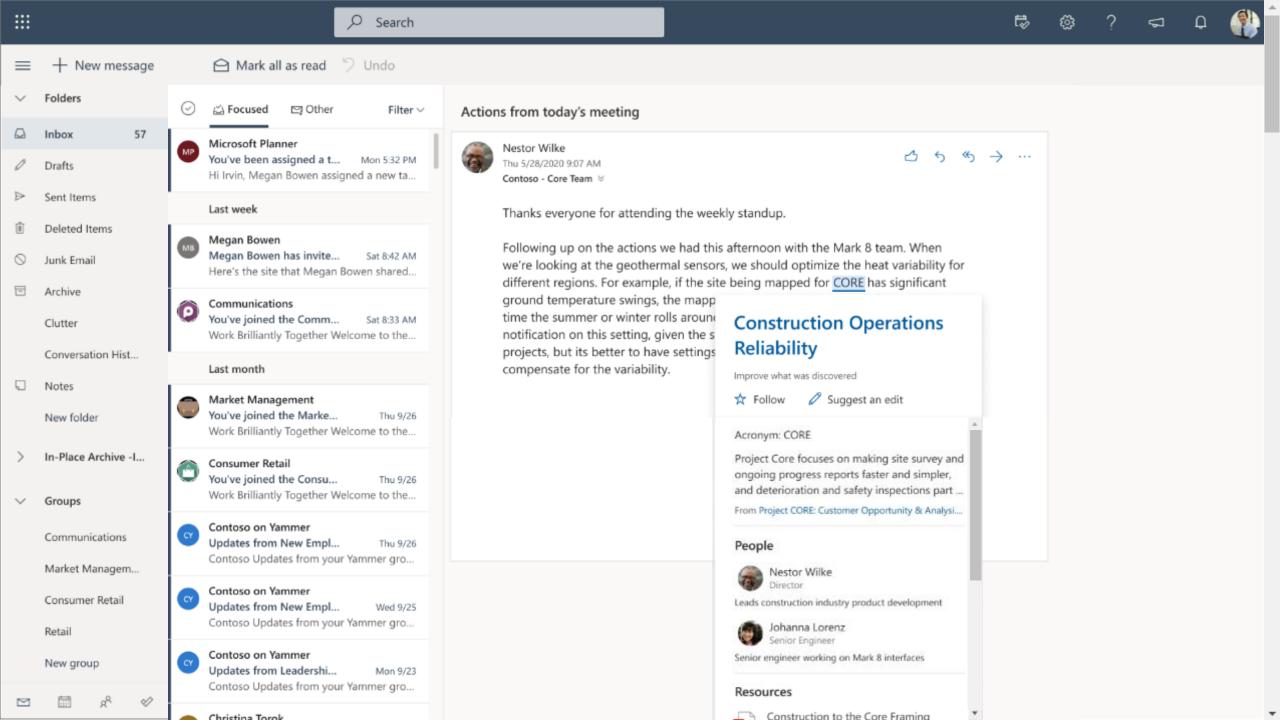


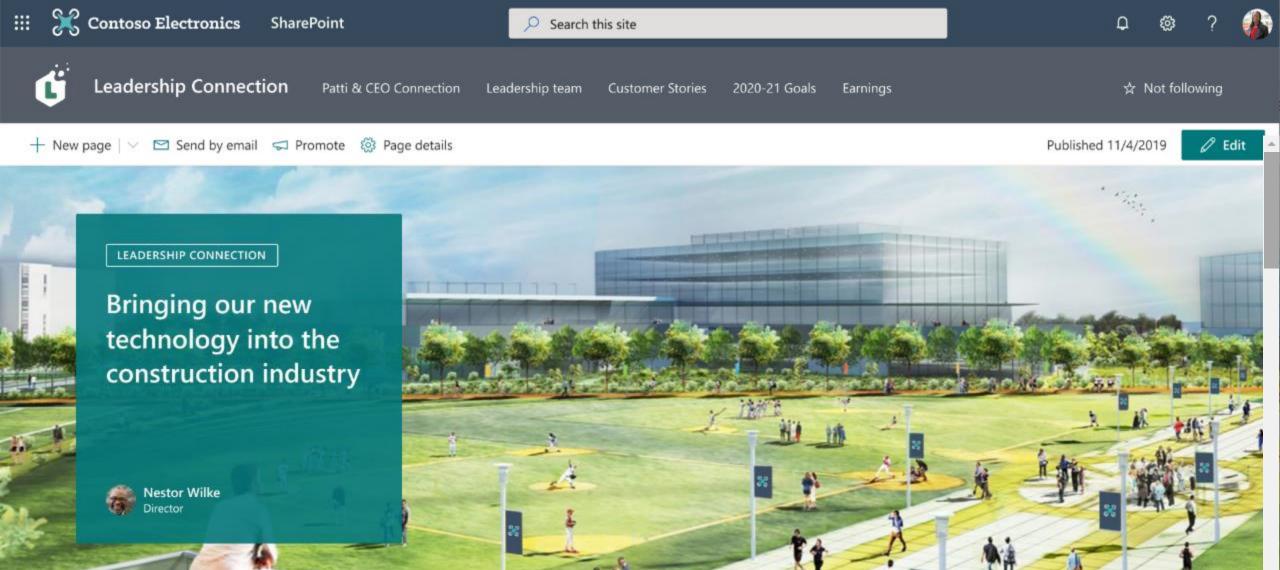




Thanks everyone for attending the weekly standup.

Following up on the actions we had this afternoon with the Mark 8 team. When we're looking at the geothermal sensors, we should optimize the heat variability for different regions. For example, if the site being mapped for <a href="CORE">CORE</a> has significant ground temperature swings, the mapping could be perceived as different by the time the summer or winter rolls around. So we should include an option for notification on this setting, given the seasonality. It may not be an issue for some projects, but its better to have settings for this so that a project manager is able to compensate for the variability.





# Delivering Solutions to the









**Leadership Connection** 

Patti & CEO Connection

Leadership team

**Customer Stories** 

2020-21 Goals

Earnings

☆ Not following



Page details

We've explored the customer journey, understanding that many construction

project managers prefer to have a " latest technical abilities. This along we see this as a new set of services

As part of Project Core (Construction this set of opportunities on how or their work from the beginning of tl identification, all the way through insurance documentation.

Our value proposition with Project moment the project is underway. It construction progress, which was e with the Mark8 we can support the models also allows our customers complete 360 view. This is the sam

> Using Mark8 sc survey a 63 acre si 997 images,

# **Construction Operations** Reliability

Improve what was discovered



Suggest an edit

Acronym: CORE

Project Core focuses on making site survey and ongoing progress reports faster and simpler, and deterioration and safety inspections part ...

From Project CORE: Customer Opportunity & Analysi....

#### People



Nestor Wilke

Leads construction industry product development



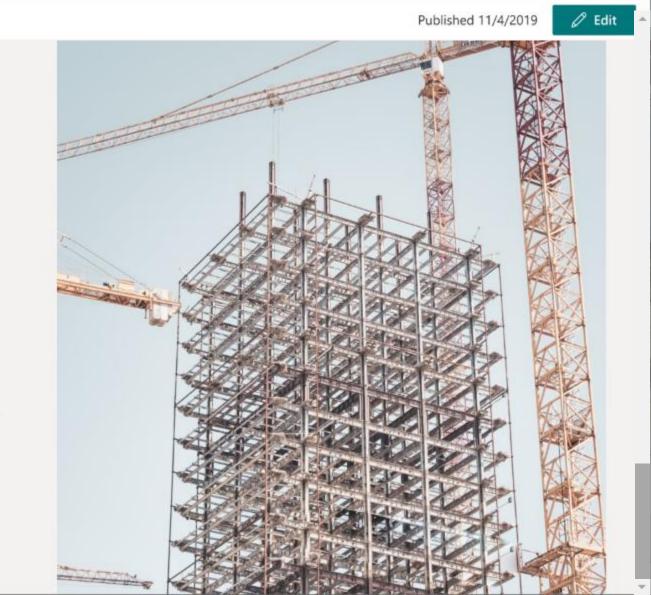
Lynne Robbins

Senior engineer working on Mark8 interfaces

#### Resources



Construction to the Core Framing











# **Knowledge Center**

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Contoso Wiki

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# **Construction Operations Reliability**

#### Overview

Project Core focuses on making site survey and ongoing progress reports faster and simpler, and deterioration and safety inspections part of routine maintenance without exposure to high risk situations.

From Project CORE: Customer Opportunity & Analysis.doc

Construction Operations Reliability (CORE) reflects a new era of solutions from Contoso Electronics. With the latest technology and sensors onboard the Mark8, and a network of licensed operators, and software developed from previous projects for terrain and drainage is part of the offering and can be used with or without hardware purchases.

### People



Nestor Wilke

Leads construction industry product development



Lynne Robbins Senior Engineer

Senior engineer working on Mark8 interfaces



Grady Archie

Design manager researching geothermal and heatmaps



Henrietta Mueller

Development of new imaging techniques





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### People



Nestor Wilke Director

Leads construction industry product development

Added by Lynne Robbins



Lynne Robbins Senior Engineer

Senior engineer working on Mark8 interfaces

Added by Grady Archie



Grady Archie Designer

Design manager researching geothermal and heatmaps

Added by Henrietta Mueller



Henrietta Mueller Developer

Development of new imaging techniques

Added by Lynne Robbins



Johanna Lorenz Senior Engineer

Contributed to 14 resources



Pradeep Gupta Accountant

Contributed to 12 resources



Emily Braun Budget Analyst

Contributed to 10 resources



Jordan Miller Tester

Contributed to 10 resources

Resources

See all

Name Modified by Found helpful Views Source



Added (7)

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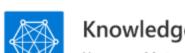
Contoso Wiki

### Resources

	Name	Modified by	Source	Found helpful	Views				
∨ Ad	V Added (7)								
PE	Construction to the Core Framing SharePoint > Core	Grady Archie	Johanna Lorenz	24 people	85 views				
•	Introduction to Site Survey techniques SharePoint > Core	Johanna Lorenz	Grady Archie	22 people	76 views				
W	Legal analysis of SB322 SharePoint > Core	Emily Braun	Lynne Robbins	12 people	62 views				
al ^	Heatmap reporting from survey sites SharePoint > Core	Henrietta Mueller	Pradeep Gupta	23 people	94 views				
W	Project CORE: Customer Opportunity SharePoint > Core	Pradeep Gupta	Johanna Lorenz	11 people	42 views				
P	Licensed operator requirements SharePoint > Core	Lynne Robbins	Grady Archie	9 people	38 views				
3	Building a new CORE with Preview Cu SharePoint > Core	Henrietta Mueller	Nestor Wilke	10 people	37 views				







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Survey mapping with preview customers

SharePoint > Core

Contoso Wiki

~	Added (7)							
	Pe	Construction to the Core Framing SharePoint > Core	Grady Archie	Johanna Lorenz	24 people	85 views		
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	S	Building a new CORE with Preview Cu SharePoint > Core	Henrietta Mueller	Nestor Wilke	10 people	37 views		
~	✓ Discovered							

Johanna Lorenz

Topic mentioned 8 times

7 people

21 views



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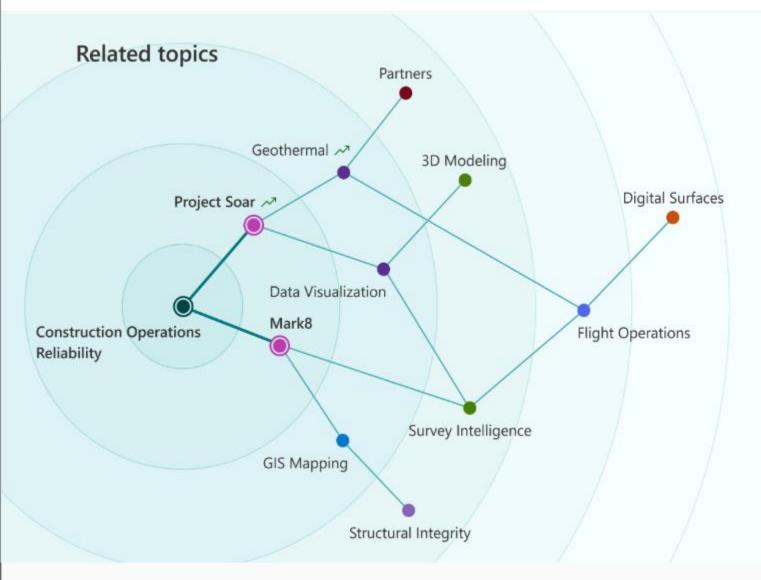
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#### **Project Soar**

High resolution for drainage planning Added by Lynne Robbins

#### Mark8

Topic mentioned in 6 resources about Construction Operations Reliability



Search this site



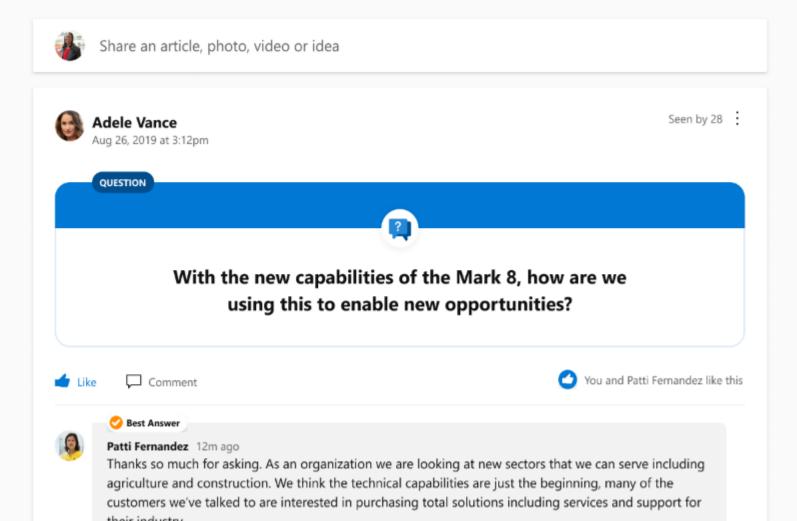






ome My topics LinkedIn Learning Contoso Wiki

### **Questions and answers**













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There's also great opportunities in the retail market and the way that security footage is gathered. The consumer market has really driven the need for retailers to be able to use this for both social and security scenarios.



♂ □ …



Write a comment

## **Project details**

Start date: April 1, 2019

Release date: November 28, 2020

Give feedback

Search this site









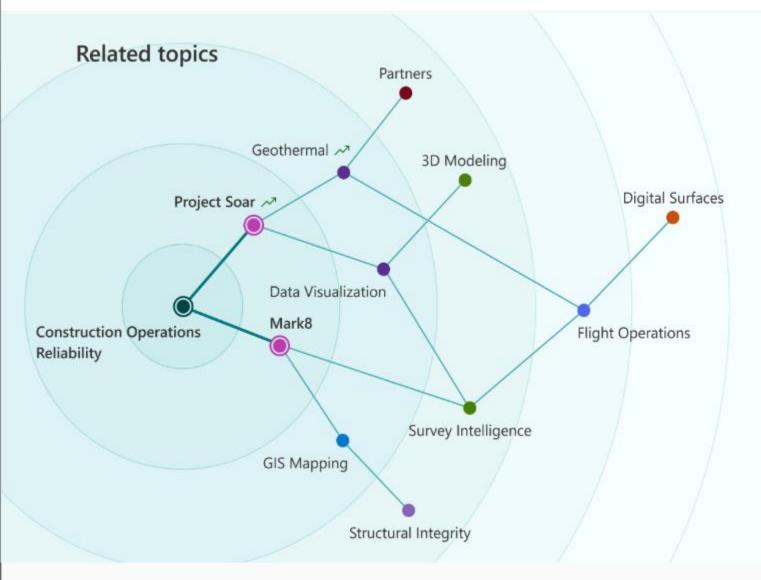
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# Mark 8

#### Overview

Latest generation of aerial vehicles with onboard sensor packages and flight characteristics optimized for commercial use. A new range of solutions accompany the new hardware and software package, so that both the company and our partners are able to build on top of the platform.

From Mark 8 Goals and Outcomes.docx

Our objectives with this new leading edge hardware is to bring the latest innovation to the commercial space. New research in animal behavioristics is also important to understanding how the drones will work autonomously and even as part of a swarm or fleet. Rapid deployment for emergency situations, as well as inclement weather assessments while routine use with licensed operators and scheduled flight paths all enable these vehicles to deliver excellent experiences while contributing to the cost savings that our commercial customers demand.

### People



Johanna Lorenz Senior Engineer

Senior engineer working on Mark 8 interfaces



Grady Archie Designer

Design manager researching geothermal and heatmans



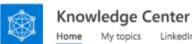
Jordan Miller

Quality assurance & testing



Nestor Wilke Director

Leads construction industry product development

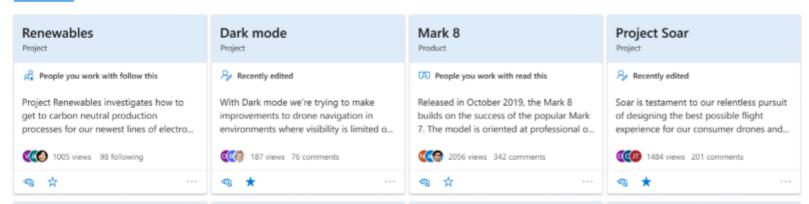


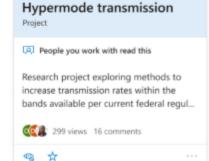
+ New ∨ ⊚ Page details

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#### Trending knowledge topics

My colleagues My organization











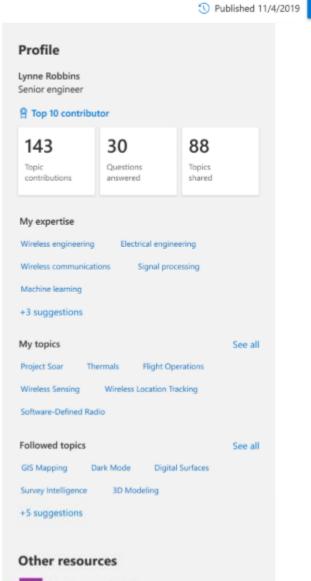


Do we have recent research on navigation in areas with UHF radio interference?

☆

Asked by Eliot Woodward, Technical Researcher on 9/30/2019 relates to NavTech, CommsTech and 3 more topics you're connected to

5 replies - Not answered

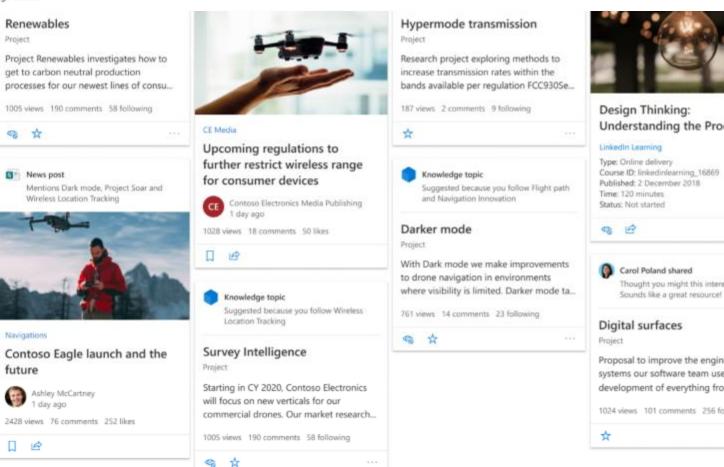


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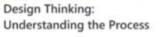
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Course ID: linkedinlearning 16869 Published: 2 December 2018



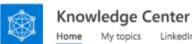
Proposal to improve the engineering systems our software team uses for the development of everything from navigati...

1024 views 101 comments 256 following



PW Product wiki

C. . . . . . .

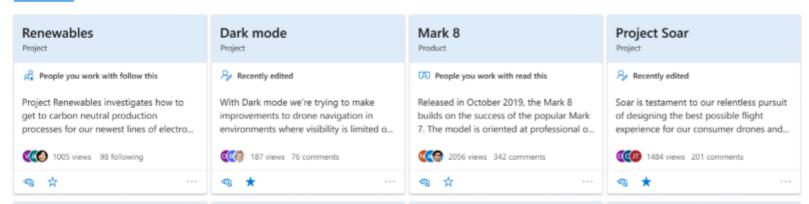


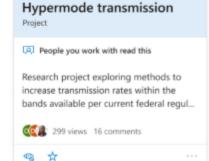
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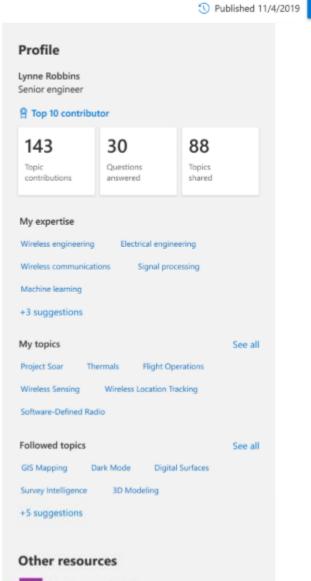


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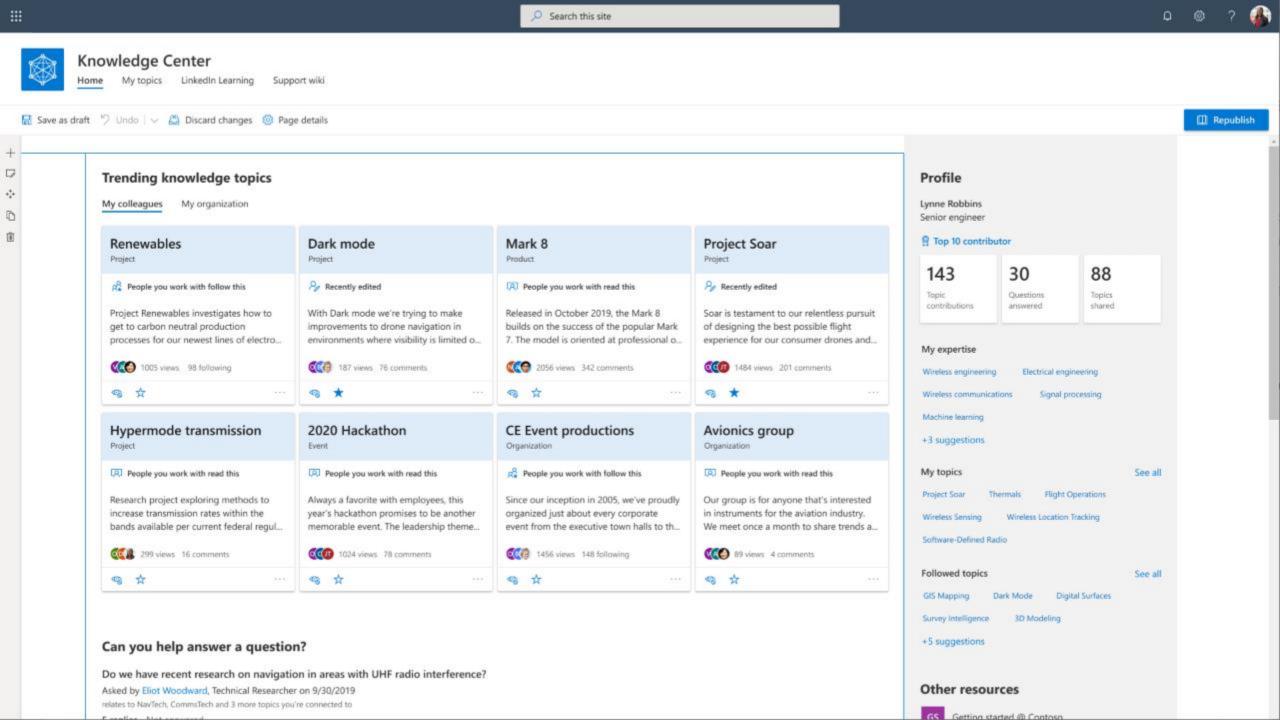
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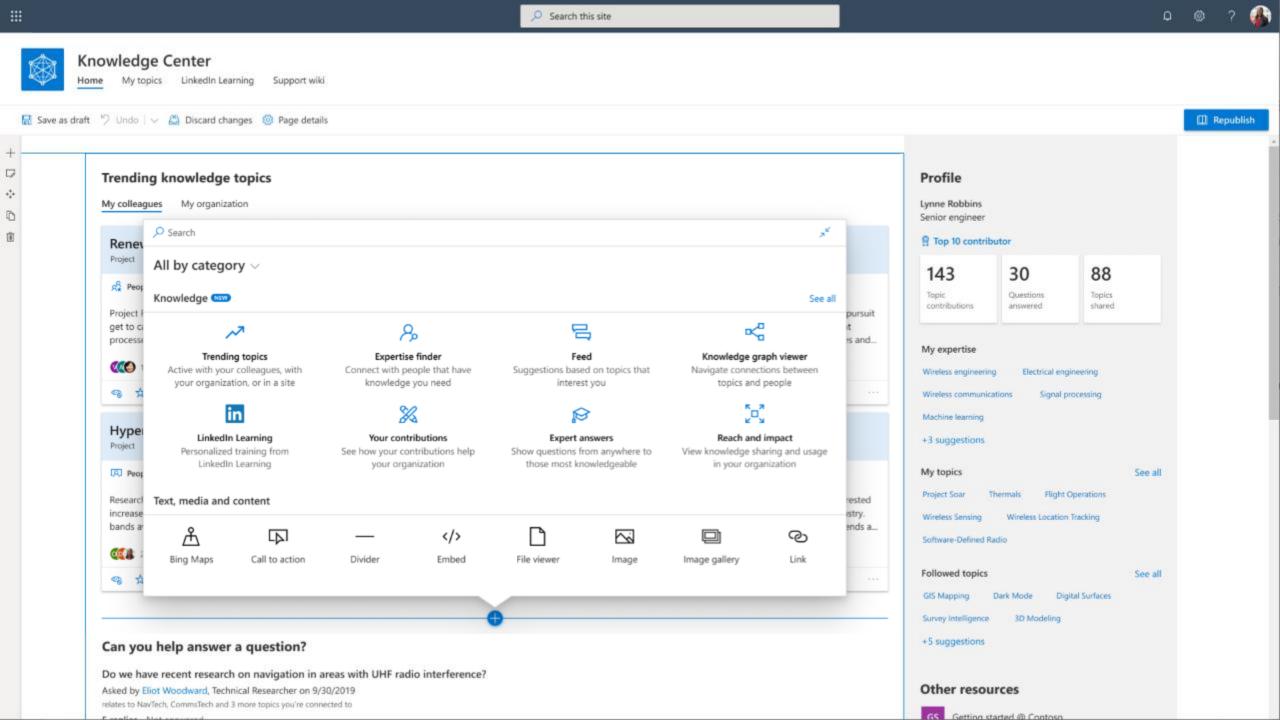
Asked by Eliot Woodward, Technical Researcher on 9/30/2019 relates to NavTech, CommsTech and 3 more topics you're connected to

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#### Customer Opportunity & Analysis

As Contoso Electronics develops the latest generation of Mark8 aerial vehicles, the project team was asked to evaluate the opportunities within the industry for broader reach. Our methodology was to talk to many customers, in the construction arena - for industrial, commercial and residential spaces and to develop a point of view of where the market gaps exist that we could offer a new range of solutions.

Drones are already commonly used in construction as they save developers time and money. Builders use drones as they provide an aerial view to survey potential locations and to monitor job sites over time. In the past, aircraft were used to provide such photography, which was difficult to schedule, unsafe and expensive.

#### Opportunity Areas

Review



Between \$300M and \$1bn of equipment is stolen from job sites each year.

Drones enable project managers to develop better plans, track progress and monitor any issues with construction by providing an up to date and consistent job site wide view at a fraction of the cost.

When we discussed with customers as to why they didn't use drones more, we discovered that a barrier is that 2 or more people are generally required to operate the drone.

With Project Core we are working to provide a new market leading solution:

- Two person teams, highly trained in drone use with aware of the planned flight path and any other relevant issues.
- Operational experience doing so in the construction industry, and have specific knowledge of Outer Ring (PPE): PP3

Word

Home

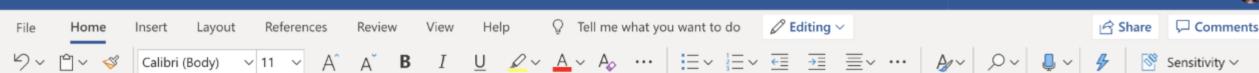
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Calibri (Body)

Layout

References





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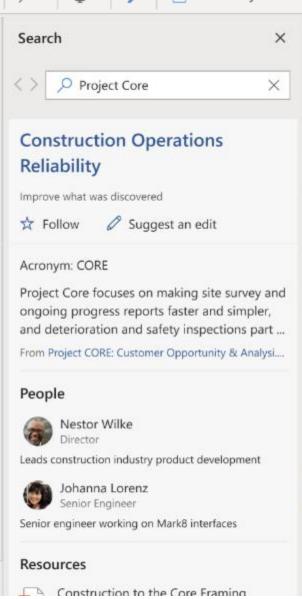
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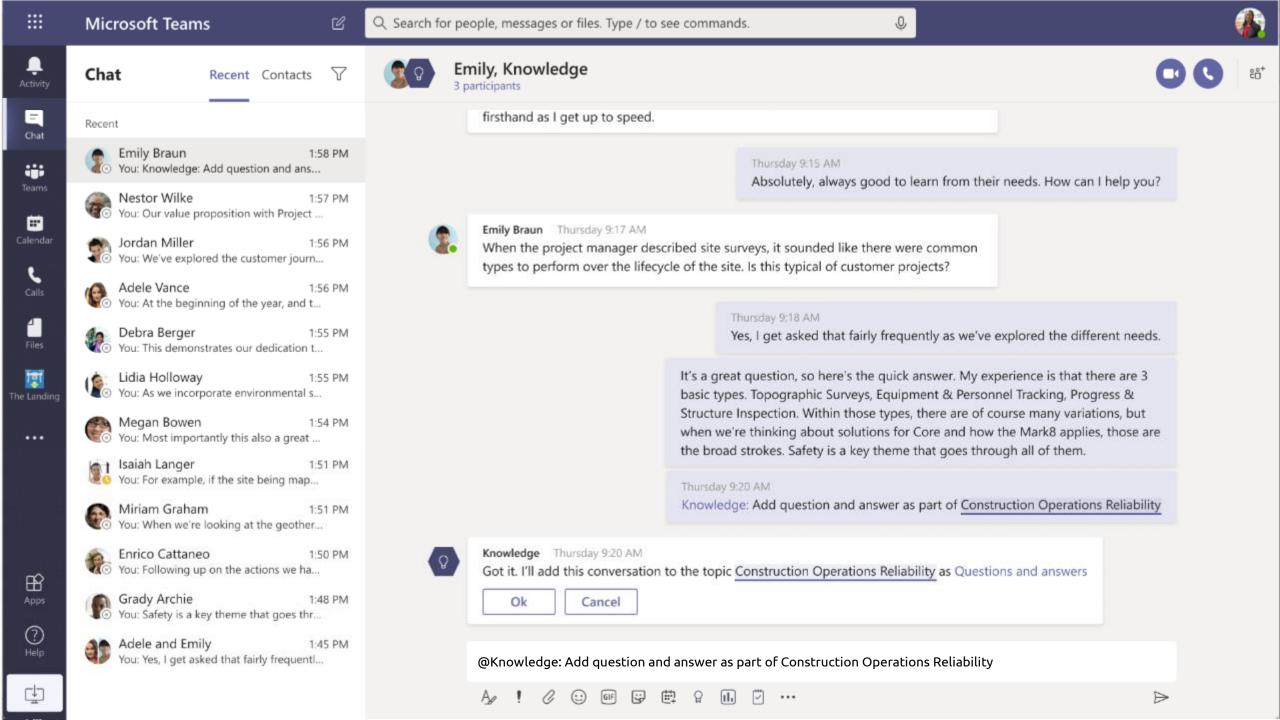


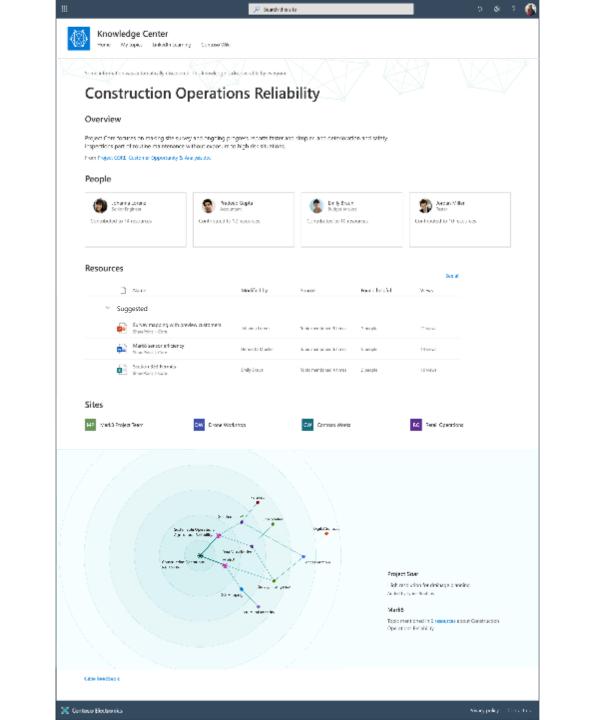
289 words Time to Read: 2min

English (U.S.)

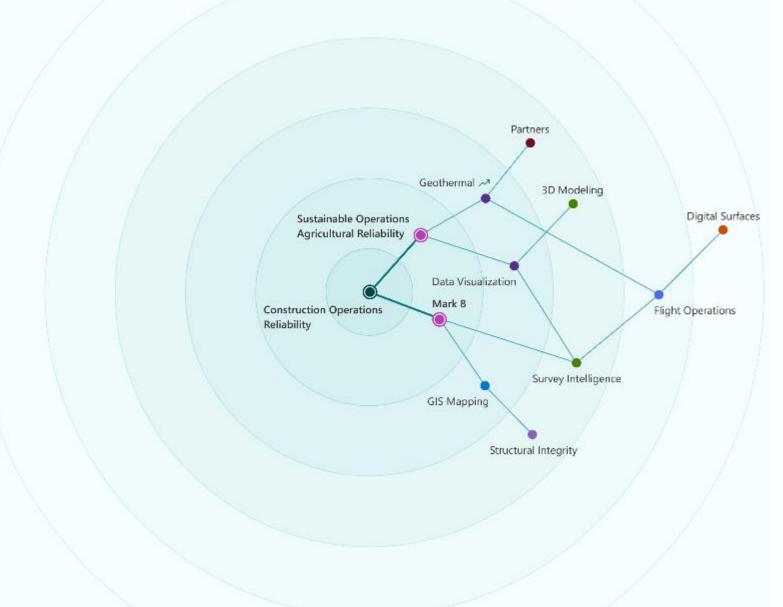
Outer Ring (PPE): PP3

- 100% + Give Feedback to Microsoft

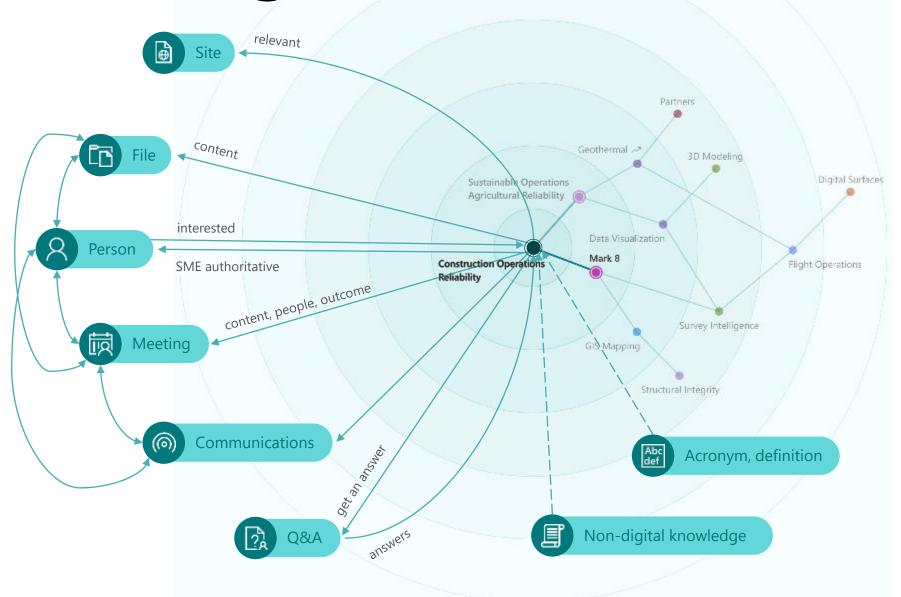




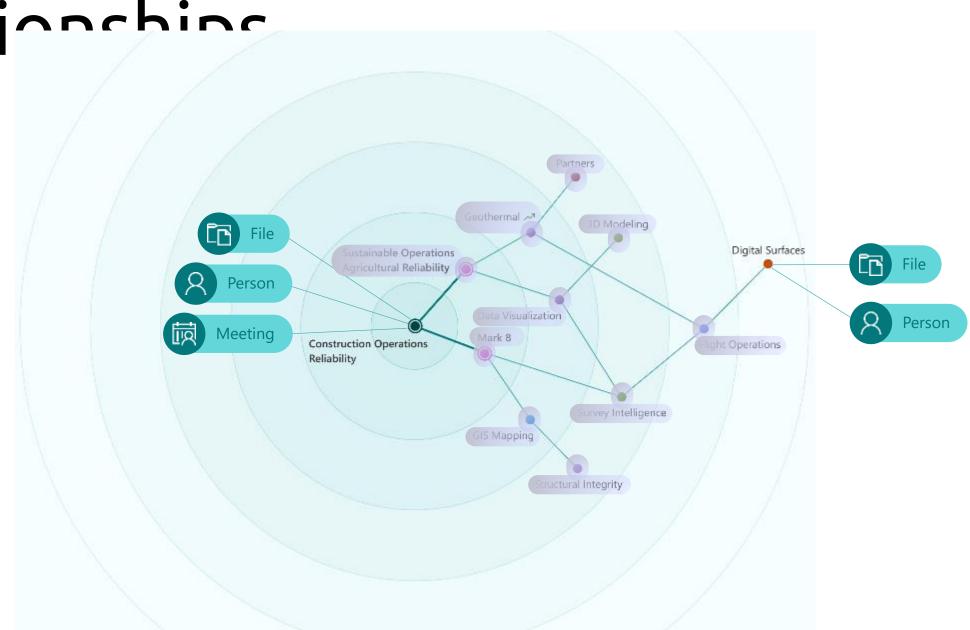
# Knowledge network



# Knowledge network in action

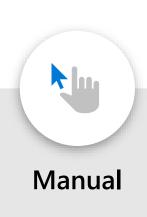


Knowledge network topic relationships



# Better together: People + Al

New AI services and capabilities to make it easier to build content understanding and classification apps directly into the content management flow of SharePoint





Automated object detection

*Smart, right out of the box* 

for photos, scanned files, receipts, business cards



Forms processing

Customize for your org's forms



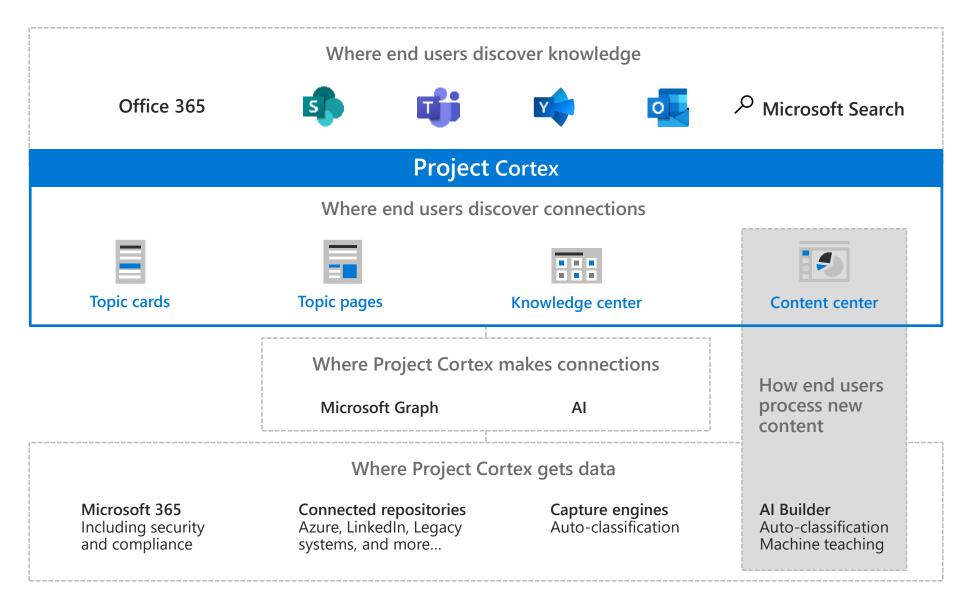
File classification and entity extraction

Taught by your subject matter experts

for forms, claims, applications, invoices, medical forms

for contracts, business agreements, proposals, manuals, resumes

# **Project Cortex Architecture**





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