



Office Graph and Delve

By Knut Relbe Moe

SharePoint Manager/Chief Architect, Avega Group

Tuesday 17th February 4pm CET



Knut Relbe-Moe



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Technical Lead SharePoint
Avega Group, Oslo, Norway
Office 365 MVP
Founder of NIWUG

My Experience:

- ❑ SharePoint evangelist, mentor, speaker
- ❑ Old developer, turned Architect / ITPro
- ❑ Have worked with SharePoint since the 2003 version.
- ❑ Worked with several clients upgrading their solution from 2007/2010 to 2013.
- ❑ Works as a Lead Architect and advisor creating SharePoint Farm architecture/infrastructure on many projects. With up to 25.000 users.
- ❑ Worked with automating the installation and configuration of SharePoint.

Microsoft
CERTIFIED
Trainer
Microsoft
CERTIFIED
Professional
Microsoft
CERTIFIED
Solutions Associate

Office 365

Microsoft
CERTIFIED
Solutions Expert

SharePoint



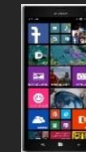
Knut.Relbe-
moe@avegagroup.no



@shareptkarm



<http://www.sharepointblog.no>



+47 982 24 609



What we deliver

Sky services

Search and taxonomy

Infrastructure

Migration

Governance

Integration

Yammer

Delve, Video

SharePoint Experts

Office 365 Experts

Workflow

Analyze environment,
best practice

Security

Best practice Intranet

BI, Power BI

Document management

Records management

Collaboration

Electronic forms

Nintex

K2



Intro

Work like a network

- https://www.youtube.com/watch?v=PSktb_Hrdj8

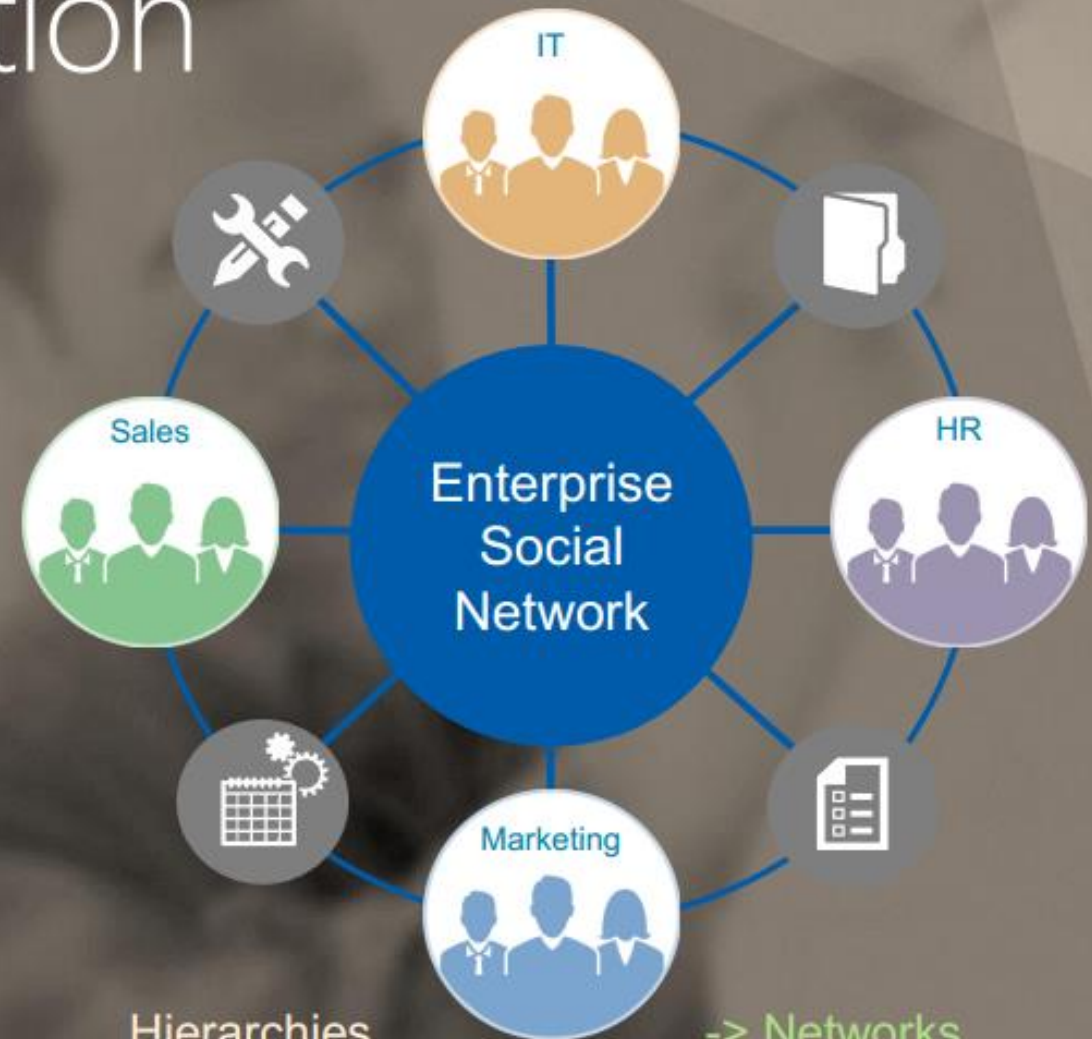
Introducing Office Delve

- <https://www.youtube.com/watch?v=cCbYer0Xupg>

Responsive Organization

Need for speed & agility
open communication,
working as a network.

"Sharing is Caring"



Hierarchies
Control
Extrinsic Awards
Customer & Partners

-> Networks
-> Empower
-> Intrinsic Motivation
-> Community

The purpose of Enterprise Social

*..is to help companies **adapt and respond to changes faster** by **leveraging the human network** within organizations,*

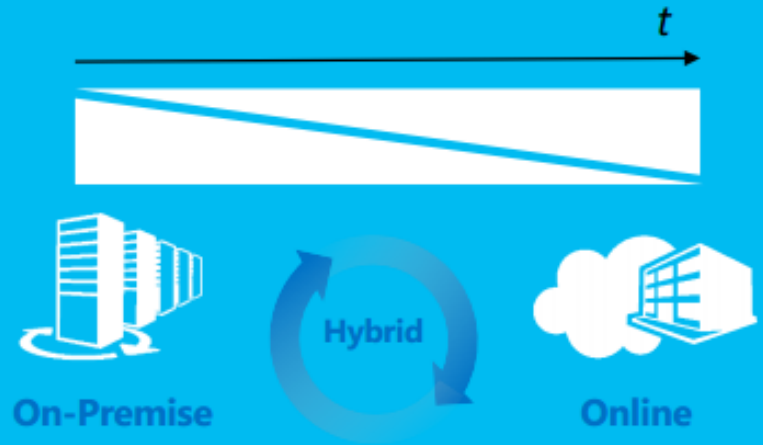
*by providing a **more open, connected way** of communicating and collaborating, the **knowledge of the company** is made available to others as a natural output of people doing their work.*

*As a result, employees are able **tap the collective knowledge** of their company and **make better decisions**.*

Business Collaboration by Microsoft



Different Devices



Deployment Choice

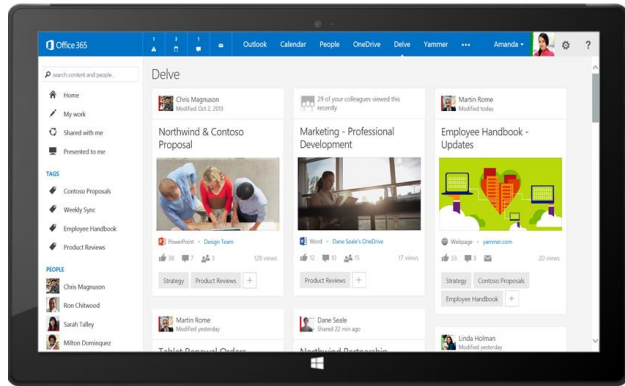
One Services



(Yammer, SharePoint Online, Exchange Online, Lync Online, Office as Service)



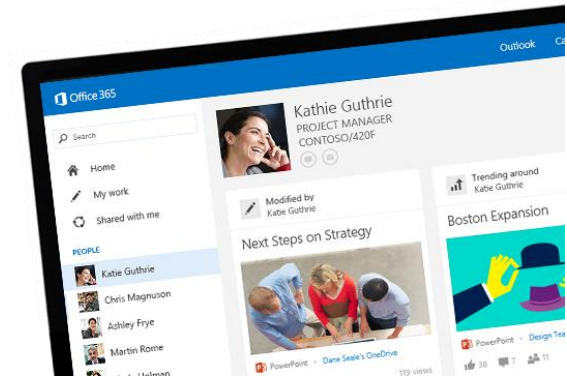
Delve – Search and Discovery Across O365



Discover new information tailored to you from your network



Find just the right results from any source and take action



Connect with the right experts and learn more about their content.

Powered by Office Graph



So what is Delve

- Delve is a windows 8/10 or Office 365 application
- It builds on top of Office Graph
- ***“Delve is not a place where you go to find information, however it is where information finds you”***

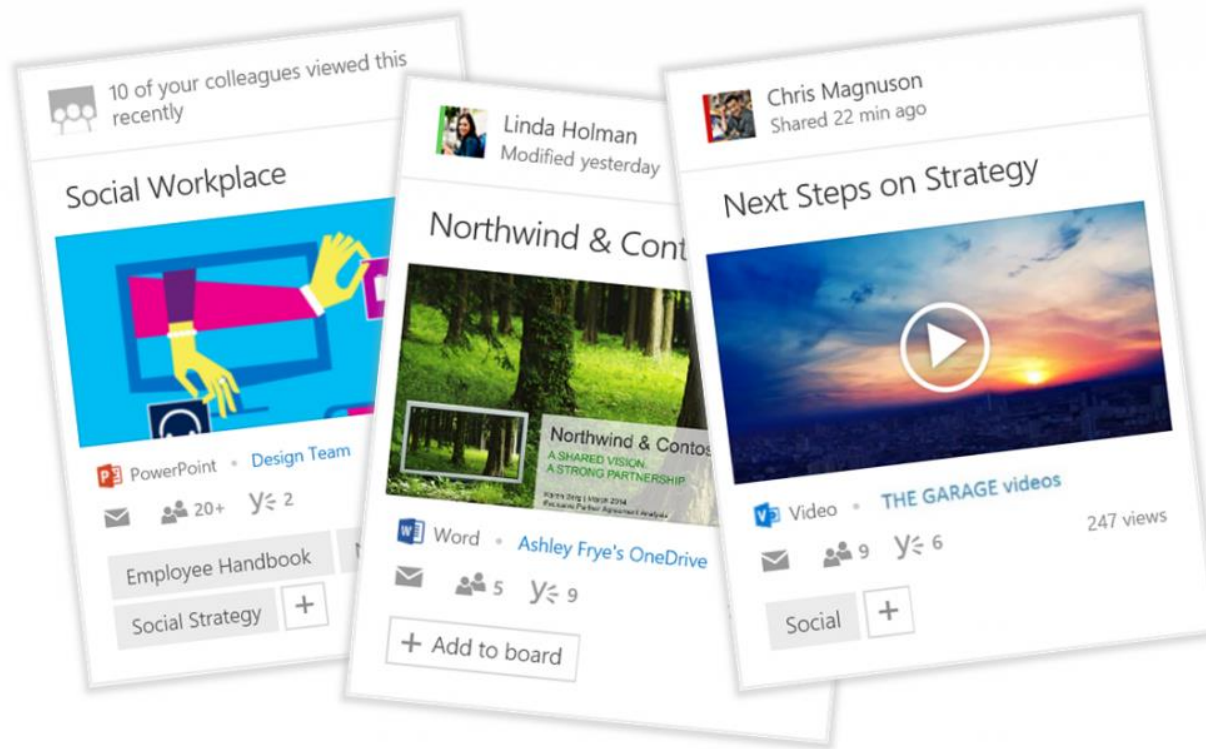


The goal for Delve

- *The goal for Delve was not just to reimagine search, but to help people get their work done in a quicker, more informed, and even delightful manner.*



"Boards" Content Tagging Tool for Office 365 Users



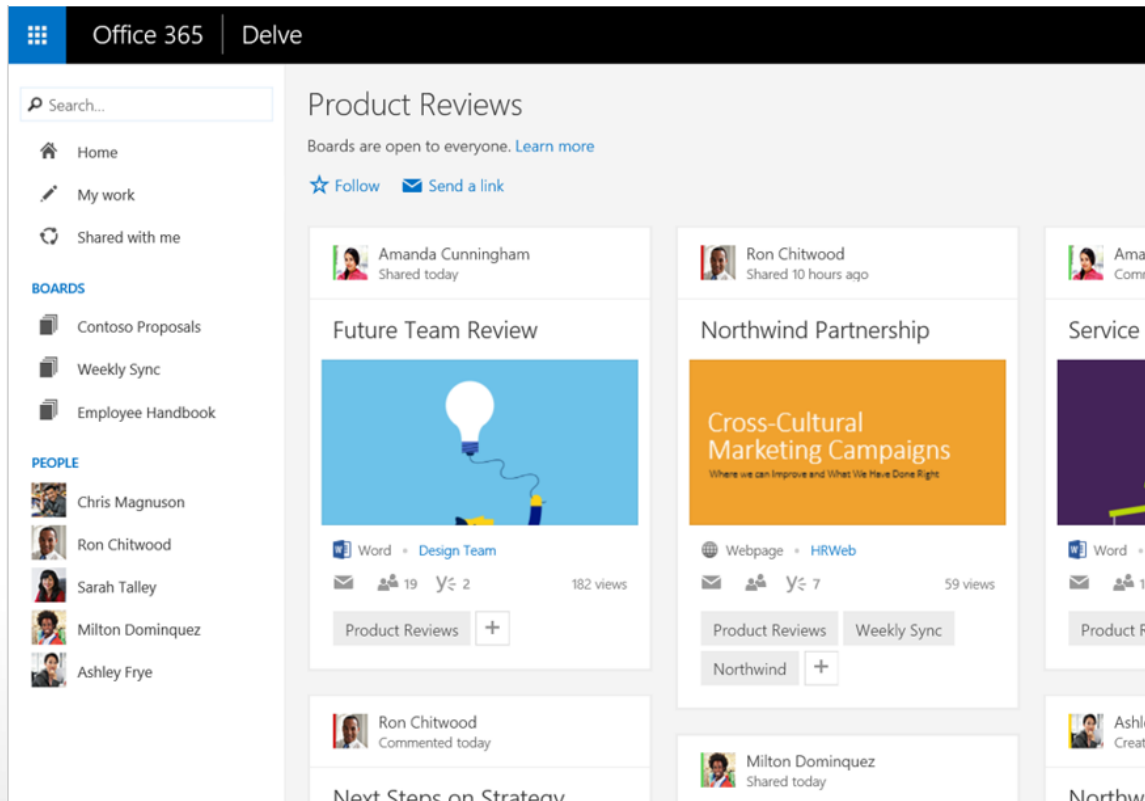
Any card you see in Delve can be added to a board—documents, sites, videos and more.

Introducing Boards in Office Delve

<https://www.youtube.com/watch?v=YjBEm-WH4mw>



"Boards" Content Tagging Tool for Office 365 Users



- ❑ Boards allow you to discover content related to topics and projects and make it easy to return to the content that matters most to you. From within Delve, you can search for a board, follow it to stay informed and discover other boards—all without having to know or remember where individual pieces of content live.
- ❑ The journey with boards starts with Delve to help you curate and organize content as you collaborate and discover. Over time, boards will be integrated across other Office 365 experiences with support for new content types and will also benefit from existing SharePoint metadata management capabilities.



Demo

Office 365 | Delve

Search

Home
My work
Shared with me

PEOPLE
Dag Baardsen
Knut Relbe-Moe

My work

KONSULENTPROFIL Knut Relbe-Moe
You modified December 18, 2014

Word • Gruppeområde
2 views
ESPC +

PopulationReport
You modified November 25, 2014
Excel • Gruppeområde
3 views
+ Add to board

dmWorldPopByCountry
You modified November 25, 2014
Excel • Gruppeområde
1 view
+ Add to board

Avega og Microsoft
You modified November 25, 2014

PowerPoint • Knut Relbe-Moe's OneDrive
+ Add to board

BetterContosoKPI
You modified November 25, 2014
Excel • Gruppeområde
+ Add to board

ContosoKPI
You modified November 25, 2014
Excel • Gruppeområde
1 view
+ Add to board

WorldBankIndicators (Sample)
You modified November 25, 2014

Excel • Gruppeområde
1 view
+ Add to board

Perlesamarbeid:
Dag Baardsen modified November 24, 2014

Presentasjon 24. november 2014, 12 sider, 200 KB
Perlesamarbeid: ...
Word • Gruppeområde
7 views
+ Add to board

Komplett.no Norwegian warehouse project
You modified November 23, 2014

How to Create a Mobile Expenses Form using Nintex Forms & Nintex Mobile
You modified November 23, 2014

Olympics (Sample)
You modified November 25, 2014

Excel • Gruppeområde
+ Add to board

- ☐ Home feed and my work
- ☐ Person page
- ☐ Search as you type
- ☐ Boards
- ☐ Add to Board



So what is Office Graph

- Office Graph is based on Yammer Enterprise Graph
- Both the Yammer Enterprise Graph and Microsoft Office Graph are two separate frameworks

Office Graph

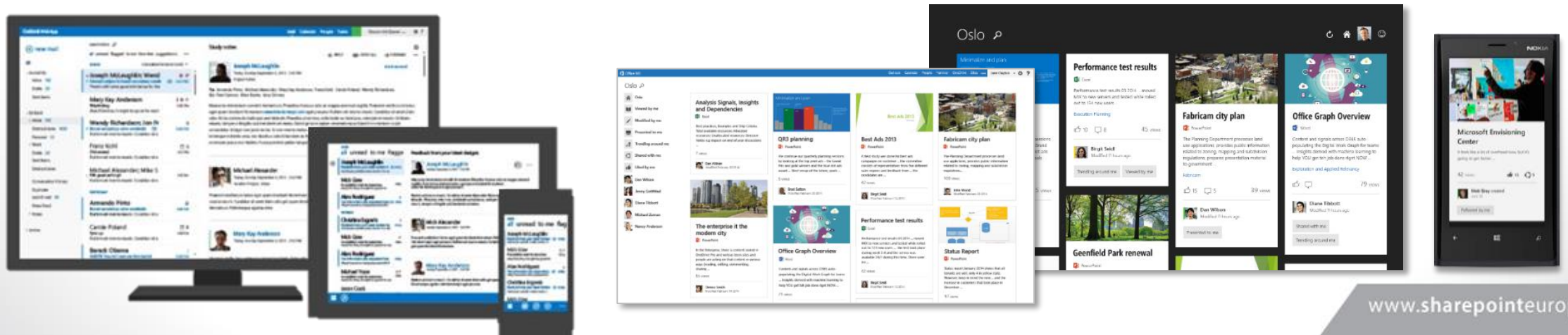
Exchange
SharePoint
Yammer
Lync



Content and signals across Office 365 auto-populating the Office Graph for teams.



Insights derived with machine learning to help YOU get the job done right NOW





So what is Office Graph

- Office Graph is a visualization of relations between users, groups, files, conversations, and other contents through machine learning and captures information the way it can be used to intelligently connect people each other and consumed as personalized experience to surface the most relevant content to the user as “Me, Myself, and Mine” interface.



So what is Office Graph

- Office Graphs is nothing but mix of search, machine learning and gathering data about everything you do (“signals”) based on your personal network
- Office Graph brings content what is relevant to you and who is relevant for you.
- ***Office Graph and Delve are NOT SharePoint Search***



Exchange



SharePoint



Yammer



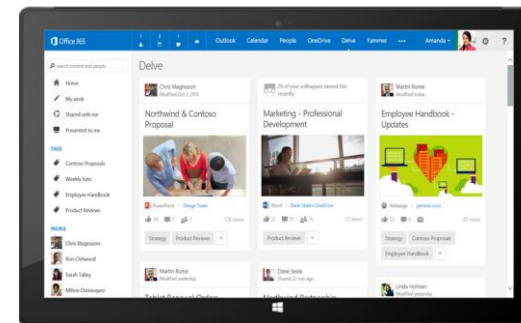
Lync



Content and signals across O365 auto-populating the Office Graph insights



Insights derived with machine learning for proactive and intelligent experiences





Roadmap

- 1st are Office365, Yammer, Lync, Exchange
- Released to “First release” customers last year.
- All customers with a E1-E4 plan will get access to it early 2015.
- Microsoft have not yet said anything about if it would come to On-Premise, besides mentioned Hybrid in the same sentence.



Summary

- What I like is that you don't need to change behavior
- Delve makes the messy and unorganized Yammer, Sites OneDrive, look clean and attractive
- It's suggest for me the most important content, I don't need to remember where it's stored anymore.
- It's responsive, and it works, and it looks really nice! Great work Microsoft!
- It connects all the different dots for you, Exchange, yammer, sites in SharePoint, OneDrive. And you get one place to find your information.
- Microsoft promise that the API should be open. Kudos!

 Presented to me


 Trending around me

 Shared with me


 Dan Wilson

 Jenny Gottfried

Minimalize and plan






QR 3 planning

 PowerPoint


We continue our quarterly planning sessions by looking at the top print ads - the Grand Prix and gold winners and the blue dot ads award ... Short recap of the future, goals and non-goals ...

Information Experiences

 1  5 views



 Brad Sutton
Modified 2 hours ago


Performance test results

 Excel

Performance test results Q3 2014 ... moved MIX to new servers and tested while rolled out to 134 new users ...

Execution Planning

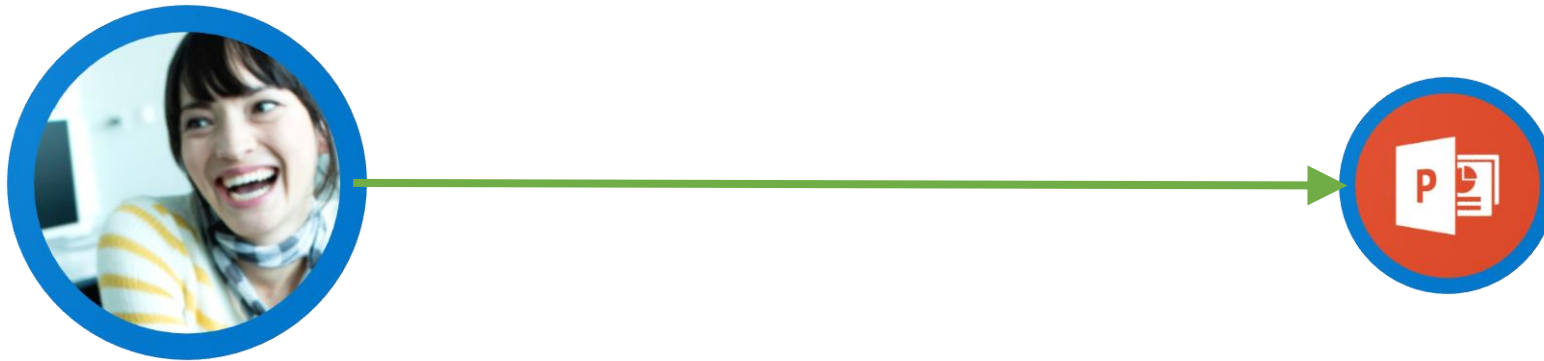
 10  8 45 views

 Birgit Seidl
Modified 11 hours ago

Trending around me Viewed by me



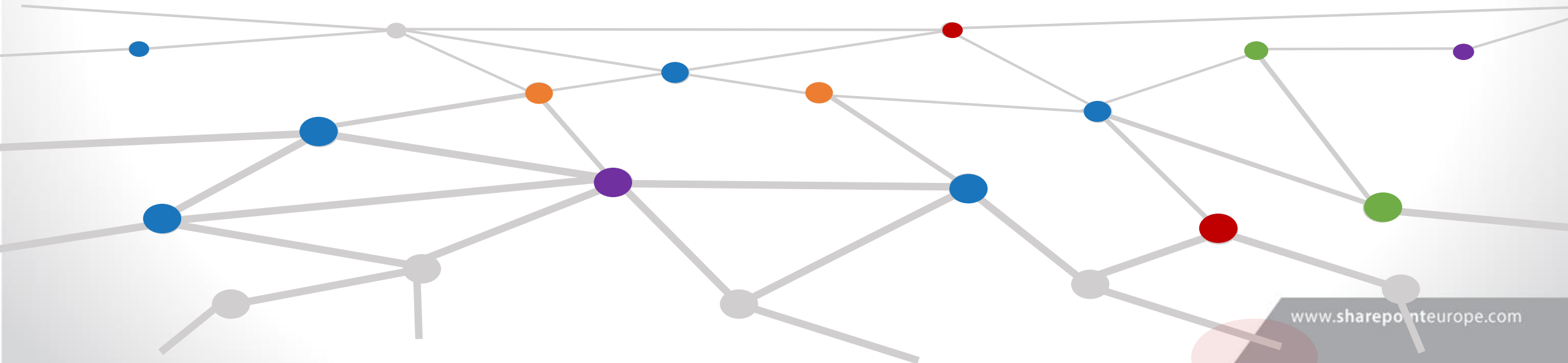
Signals



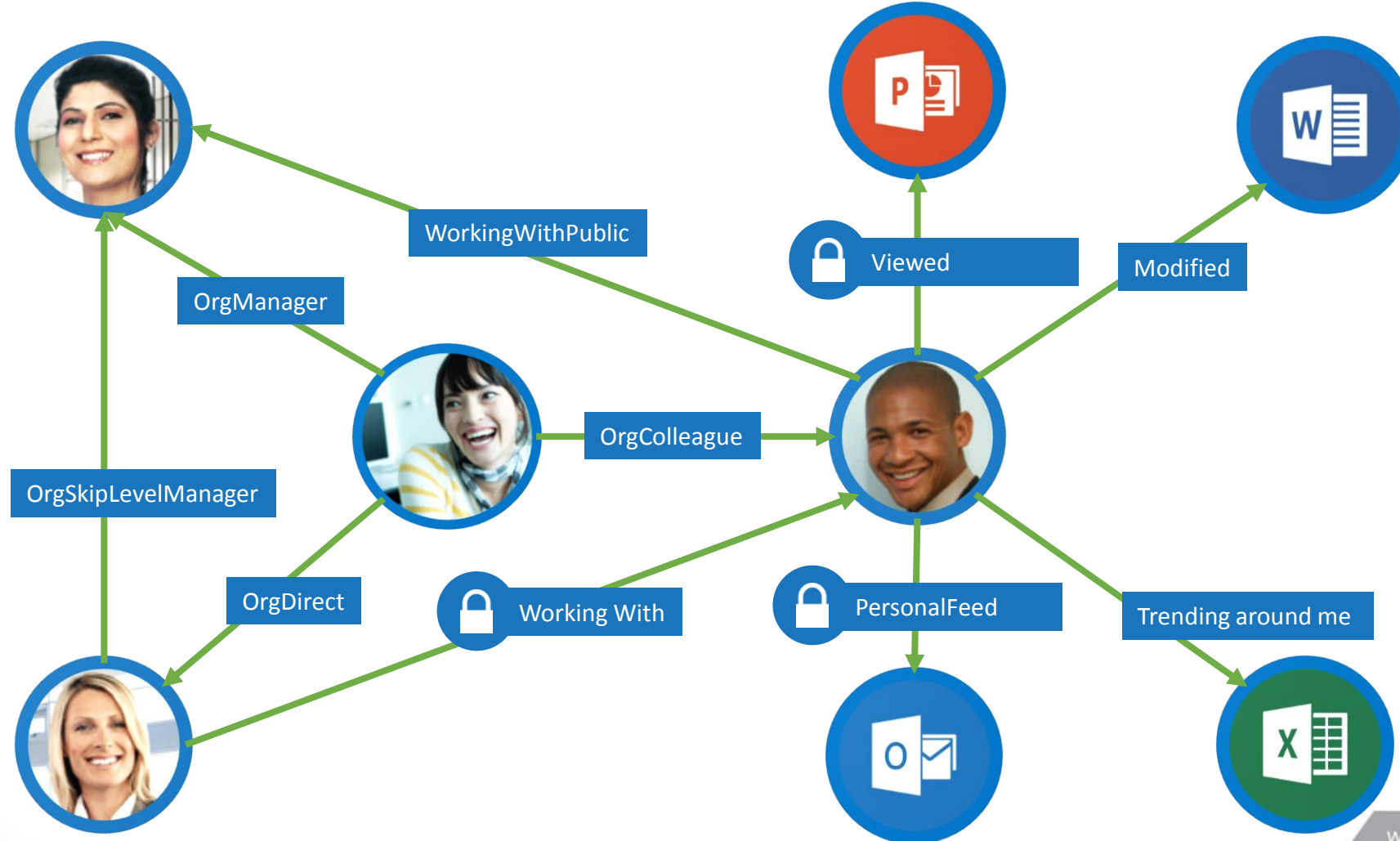


Signals sent from Delve, Exchange, O365, ...

- | | | | | |
|----------------|----------|------------|------------------|---------------|
| ⚡ Click person | ⚡ Share | ⚡ Comments | ⚡ Presented to | ⚡ Shown board |
| ⚡ Modify/Save | ⚡ Follow | ⚡ Email | ⚡ Shown document | ⚡ ++ |
| ⚡ Elevate | ⚡ Like | ⚡ Ignore | ⚡ Open document | |



Edges available in the office graph





Edges available in the office graph

Action Type	Description	Visibility	ID
PersonalFeed	The actor's personal feed as shown on their Home view in Delve.	Private	1021
Modified	Items that the actor has modified in the last three months.	Public	1003
OrgColleague	Everyone who reports to the same manager as the actor.	Public	1015
OrgDirect	The actor's direct reports.	Public	1014
OrgManager	The person whom the actor reports to.	Public	1013
OrgSkipLevelManager	The actor's skip-level manager.	Public	1016
WorkingWith	People whom the actor communicates or works with frequently.	Private	1019
TrendingAround	Items popular with people whom the actor works or communicates with frequently. Aggregated across several signals	Public	1020
Viewed	Items viewed by the actor in the last three months.	Private	1001
WorkingWithPublic	A public version of the WorkingWith edge.	Public	1033

Content Schema

People

People as the #1 pivot for all experiences

Documents, Sites

Content across email, SPO, OneDrive and Yammer

Video

Video as a first class content type, integrated

Social

Social gestures, comments, etc..

Groups

Unified, content, conversations

Collections

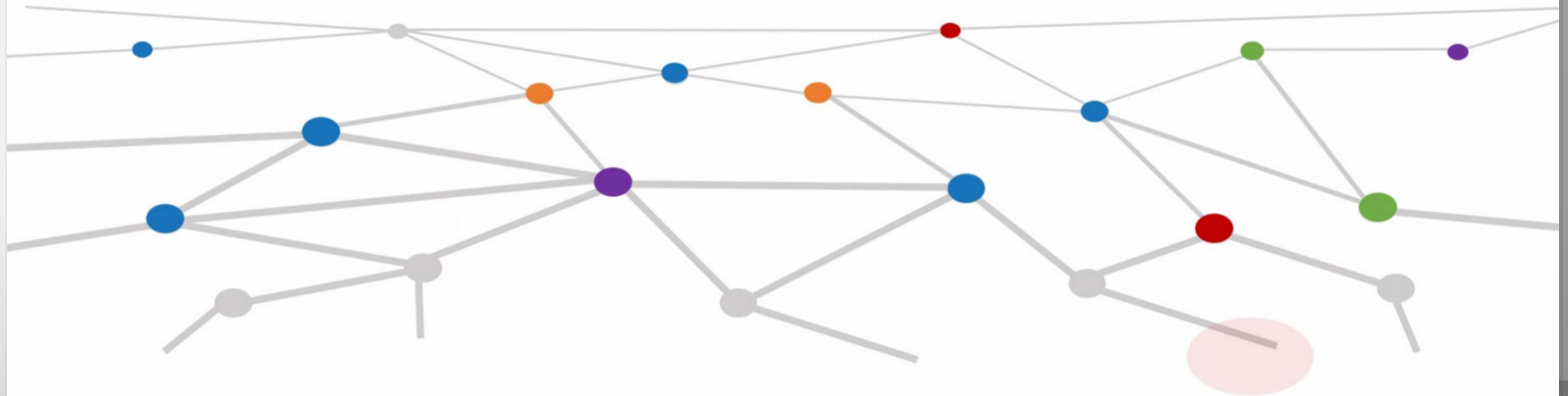
Curated, collected content

Meetings/Tasks

Meeting prep cards & light tasks

External

Push model, CRM, LOB, etc..





Security and permissions

- ☐ Permissions in source systems respected
- ☐ Delve is security trimmed for current user
- ☐ Note: A document may be shown as trending *around* a user without access to that document



User-level opt out

Individual users may opt out of Delve

✓ OK ✕ CANCEL

Delve settings

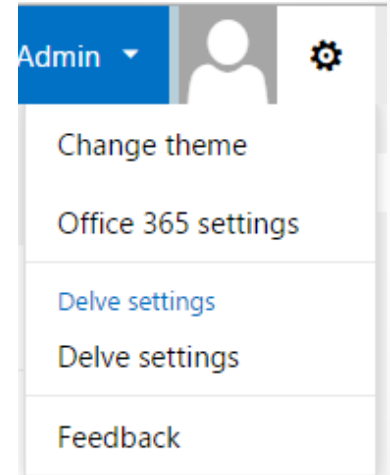
Delve uses information about people and documents that you interact with in Office 365 to highlight information that's relevant to you. Discover what's trending, see what your colleagues are working on, and have your documents show up in the personalized views of others.

Delve never changes permissions. You and your colleagues only see documents that you already have access to.

If you choose to turn off Delve your activity and relationships won't be used to personalize the Delve views for others. Your documents can still appear in Delve for people who have permissions to view them. People can also see basic information such as your job title and manager.

- ☒ Turn on Delve and share my activity with others
☐ Turn off Delve and hide my activity from others

Note: It may take up to a week for all changes to take effect.





Yet, we continue to work like we always have.

Work like a network

Seamless social experiences across familiar applications, all delivered on an enterprise-grade platform

Listen
to conversations
that matter

Adapt
and make
smarter
decisions

Grow
your
business

#worklikenetwork





From a business perspective, Delve serves three needs in the increasingly social organization:

- Personalization
- Productivity
- Collaboration



← Bill Baer

Bill Baer
Manager

We both work with

Works with

Shares me

Direct rep

Contoso Elevators
Word
Contoso Elevators used a SharePoint Online solution to help its employees to develop the ... Contoso Electronics Marketing plan for FY2014 delivered on time and under budget ...

Contoso Bank
PowerPoint
Bill Baer's OneDrive
5 views

SharePoint v.Next
PowerPoint
SharePoint v.Next SharePoint v.Next Ship Strategy and Overview from a PM's perspective ... name for the work to consolidate many of the SharePoint Service OUs into the Content DB ...
Bill Baer's OneDrive
13 views

Contoso SkyShuttle series elevators updated
PowerPoint
Contoso's best selling box & box series freight elevators have been updated for 2014. Building on the success of the high popular box and box Contoso is leading the way in ...

← Find...

Presented to me

Modified by me

Liked by me

Shared with me

Trending around me

Viewed by me

David Wright
PRINCIPAL GROUP PM MANAGER
FAST PM - Norway

Marie Reinhardt
PROGRAM MANAGER
FAST PM - Norway

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Excel
Performance test results Q3 2014 ... moved MIX to new servers and tested while rolled out to 134 new users ...
Execution Planning
10 likes 8 comments 145 views
Birgit Seidl
Modified 11 hours ago
Trending around me Viewed by me

Fabricam city plan
PowerPoint
The Planning Department processes land use applications, provides public information related to zoning, mapping and subdivision regulations; prepares presentation material to government ...
Fabricam
15 likes 5 comments 139 views

Office Graph Overview
Word
Content and signals across O365 auto-populating the Digital Work Graph for teams ... Insights derived with machine learning to help YOU get the job done right NOW ...
Exploration and Applied Relevancy
179 views
Diane Tibbott



What are our next steps?



Where do I start with Delve?

- It depends 😊

Crawl

- Understand your short term goals
- Be patient, as the platform is being expanded to include more signals and content

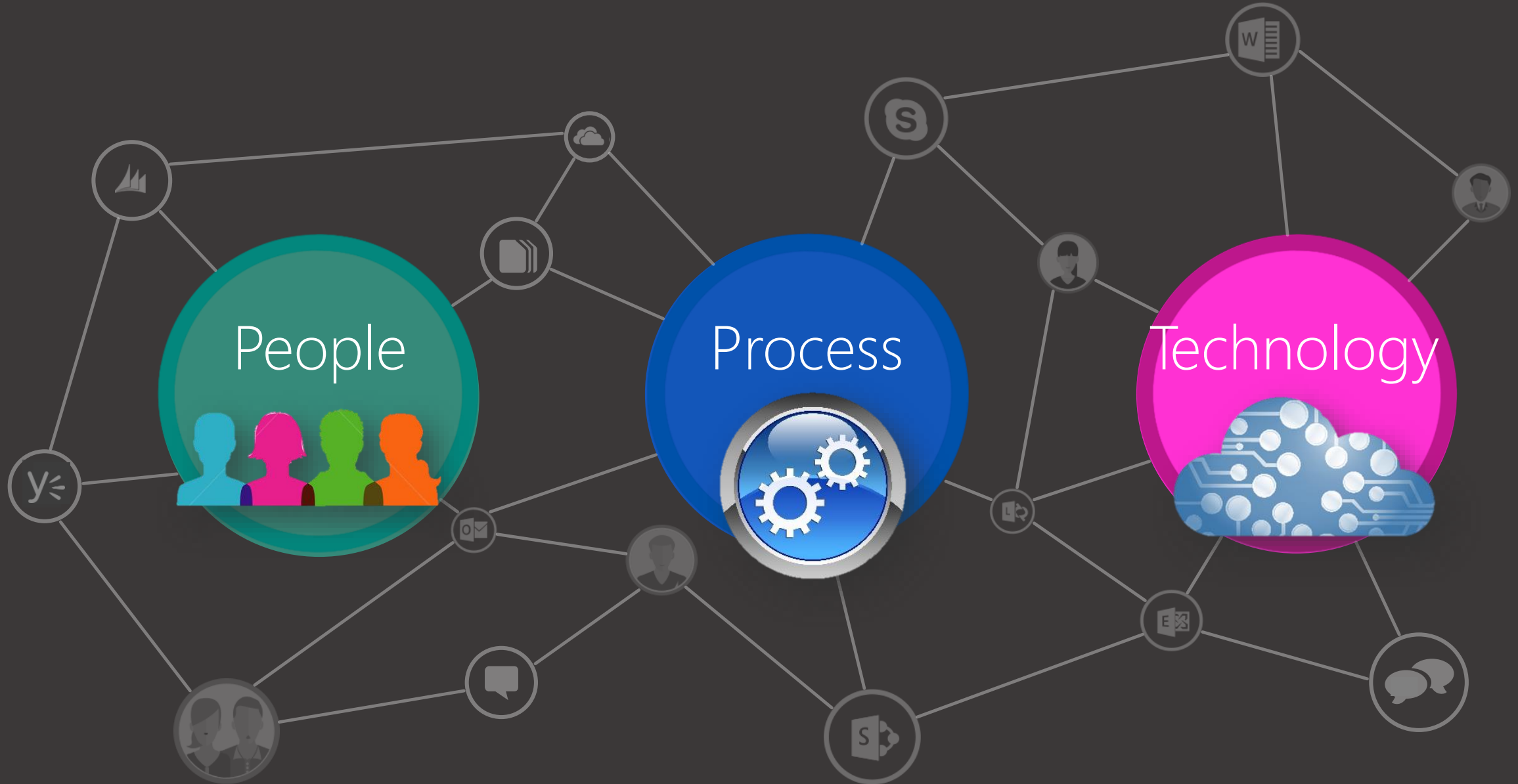
Walk

- Look at how your team is collaborating today, and where they are collaborating, and move those conversations to where Delve picks up its signals
- Provide your feedback to Microsoft

Run

- Take advantage of the expanding APIs

Take the time to develop your strategy





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Conference Tues 10 - Thurs 12 Nov

**Super Early
Booking Rate**
Ends 17th April

€995

**Early
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€1,100

**Full
Price**
From 19th Sept

€1,250

4 Day Ticket

Pre-conference Tutorial
& Conference, Mon 9 - Thurs 12 Nov

€1,290

€1,400

€1,575

1 Day Ticket

Select from Tues 10 - Thurs 12 Nov

NA

€400

€475

2 Day Ticket

Select from Tues 10 - Thurs 12 Nov

NA

€800

€950

Tutorial

Monday 9 Nov

NA

€425

€500

Tutorial Add-on

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conference ticket

NA

€400

€450

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**3 DAY
TICKET**
TODAY >

Offer ends
17th April



Resources

Office Delve:

- <http://products.office.com/en-us/business/explore-office-delve>

Introducing Delve and the Office Graph

- <http://channel9.msdn.com/Events/TechEd/Europe/2014/OFC-B219>

Developing apps against the Office Graph

- http://blogs.msdn.com/b/richard_dizeregas_blog/archive/2014/09/15/developing-apps-against-the-office-graph.aspx

Building solutions with Office Graph

- <http://blog.mastykarz.nl/building-solutions-office-graph/>

IT Unity:

- <http://www.itunity.com/article/office-delve-office-graph-664>



Questions?

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