



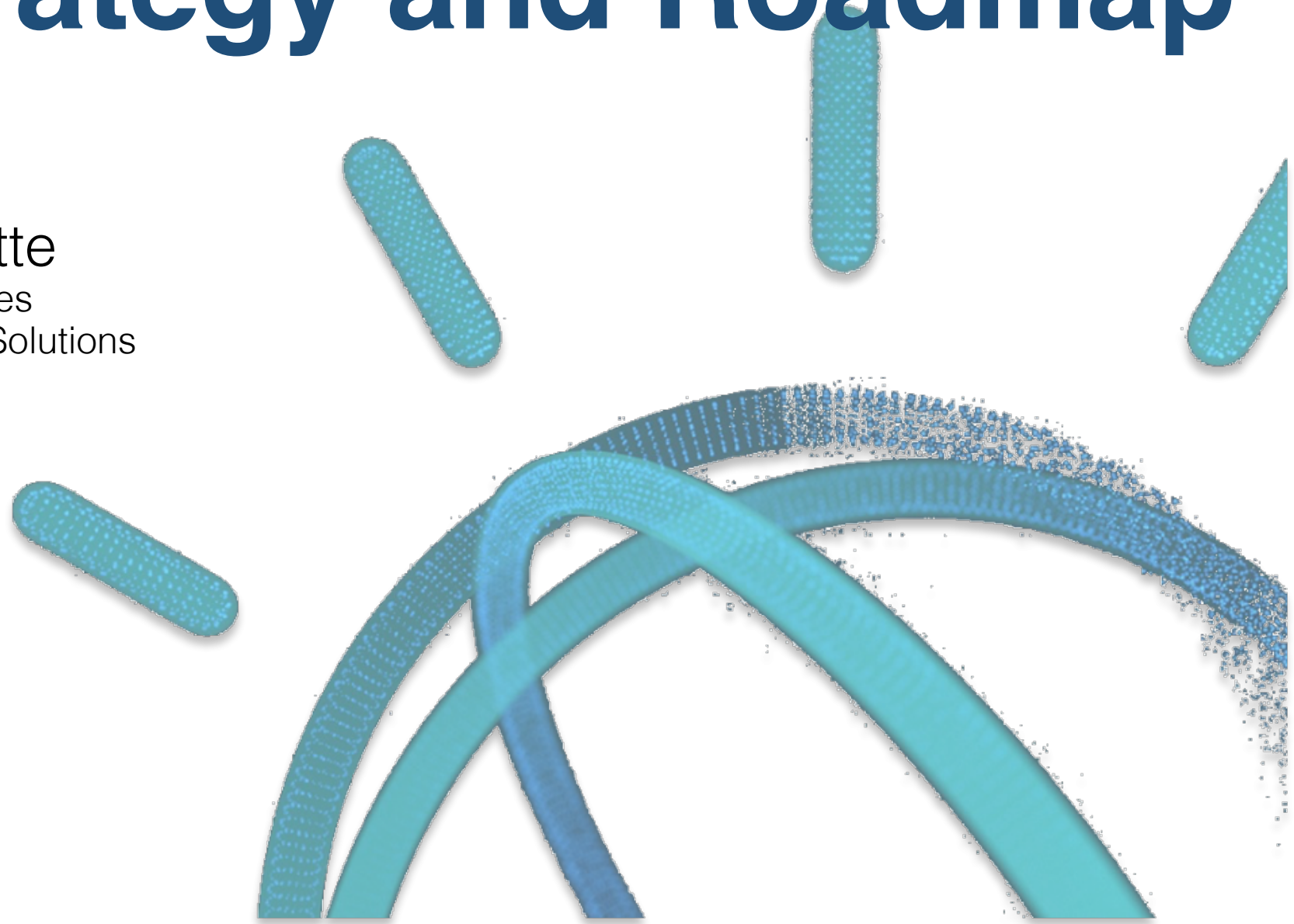
# IBM Mail and Application Development Strategy and Roadmap



Manu De Witte  
BeLux Channel Sales  
IBM Collaboration Solutions



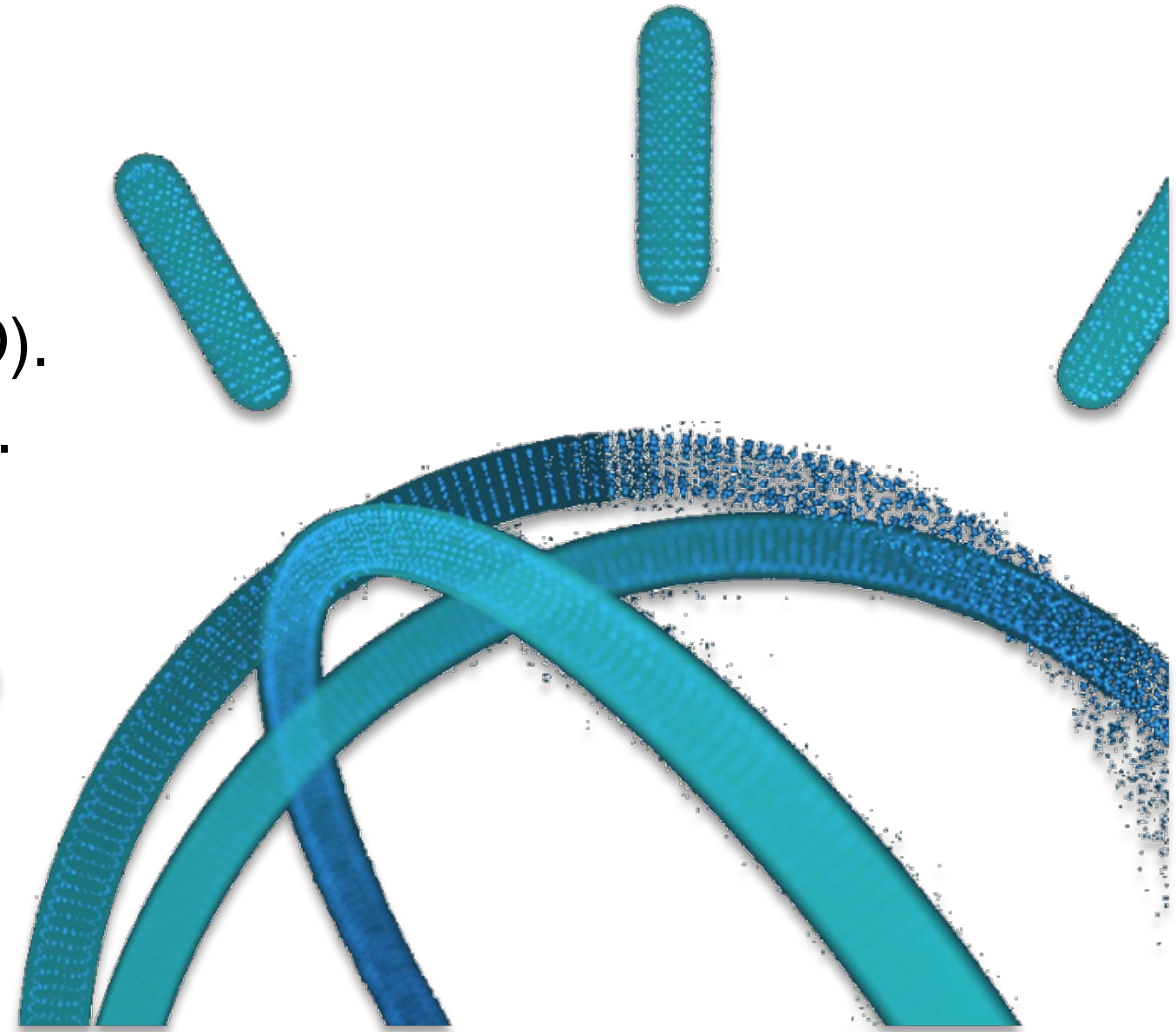
Stijn Van Herzele  
Client Technical Professional  
IBM Collaboration Solutions





# Agenda:

- Introduction and Roadmap.
- Mail: Client of your choice:
  - Social Mail - IBM Notes 9 SE.
  - IBM Mail services for Ms Outlook (IMSMO).
  - #NWTW - IBM Verse & Verse on Premise.
- ...



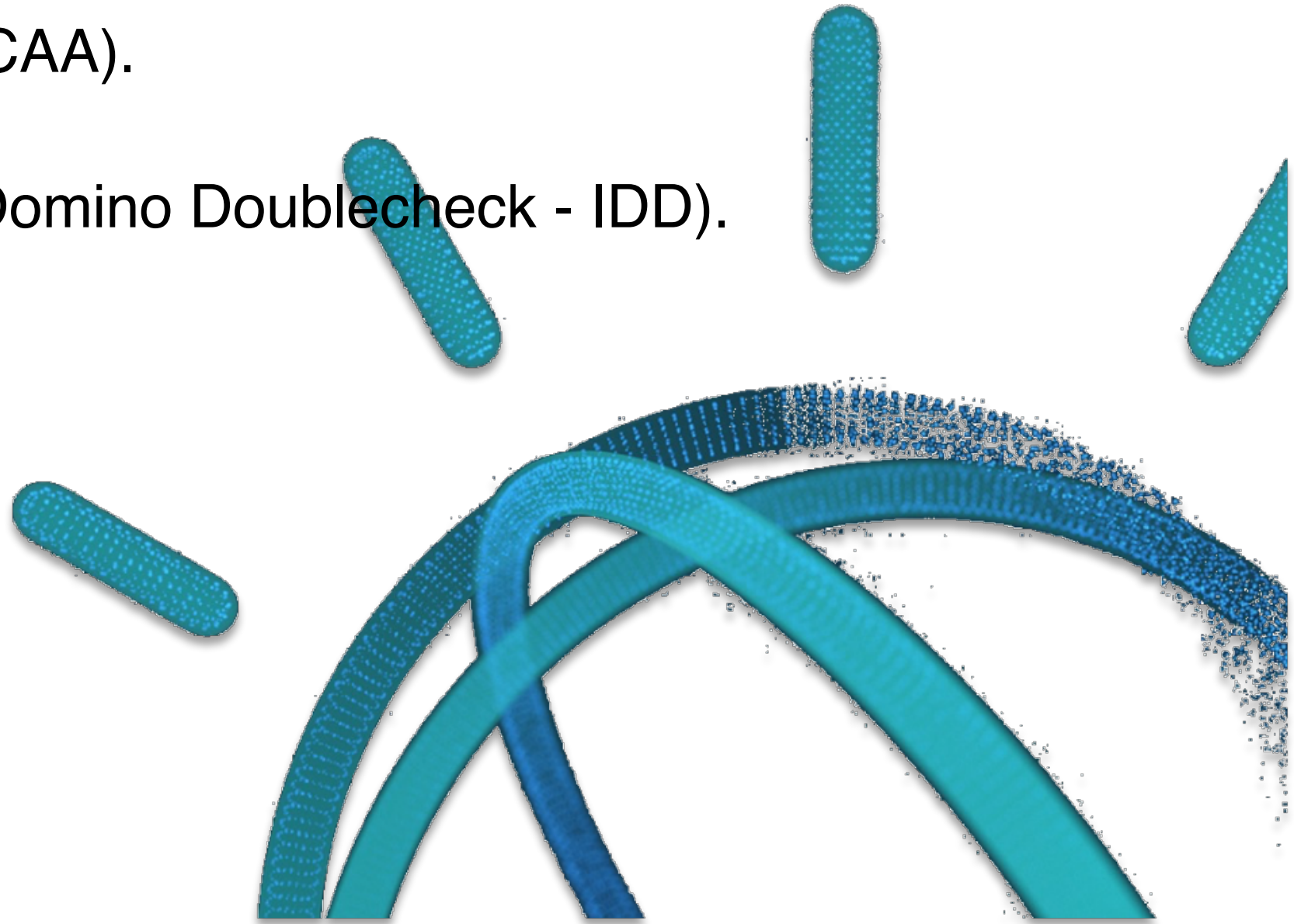




## Agenda (cont.):



- Application Development:
  - IBM Client Application Access (ICAA).
  - xPages.
  - Environment optimization (IBM Domino Doublecheck - IDD).
  - Application Modernisation.
    - ApplicationInsight.
    - Rest API vs xPages.
- Strategy.



# What do these products have in common?

Yahoo

VMS

Netware

Wang

VisiCalc

Nokia

WordPerfect

Foxpro

Blackberry

Mapquest

Myspace

Palm

AOL

Dominant, then failed evolve

# What do these products have in common?

Linux

Apple OS

DB2

Domino

Java

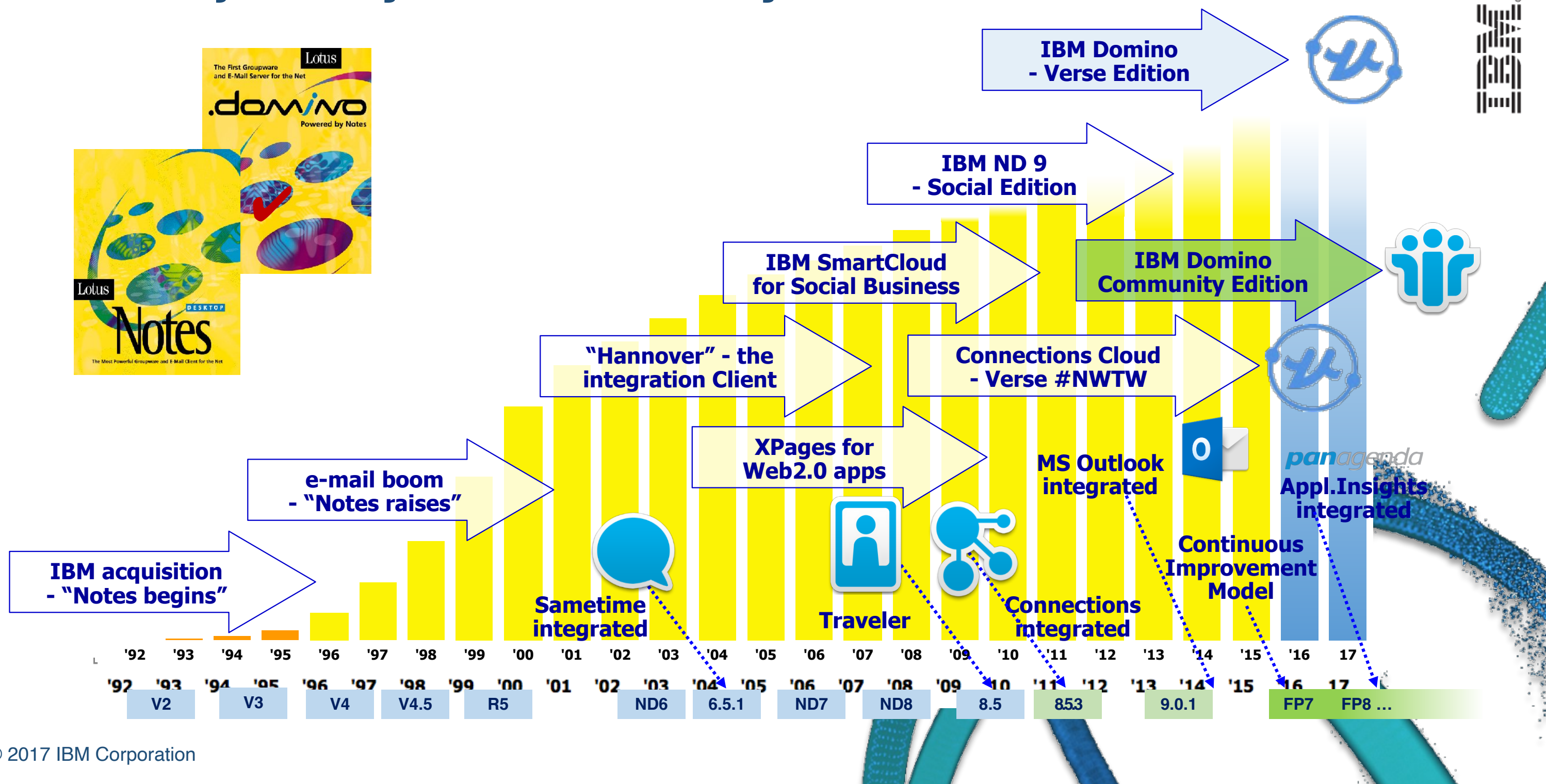
Windows

Acrobat

Have evolved, remained relevant over time



# What a journey: The first 25 years of Notes/Domino ...



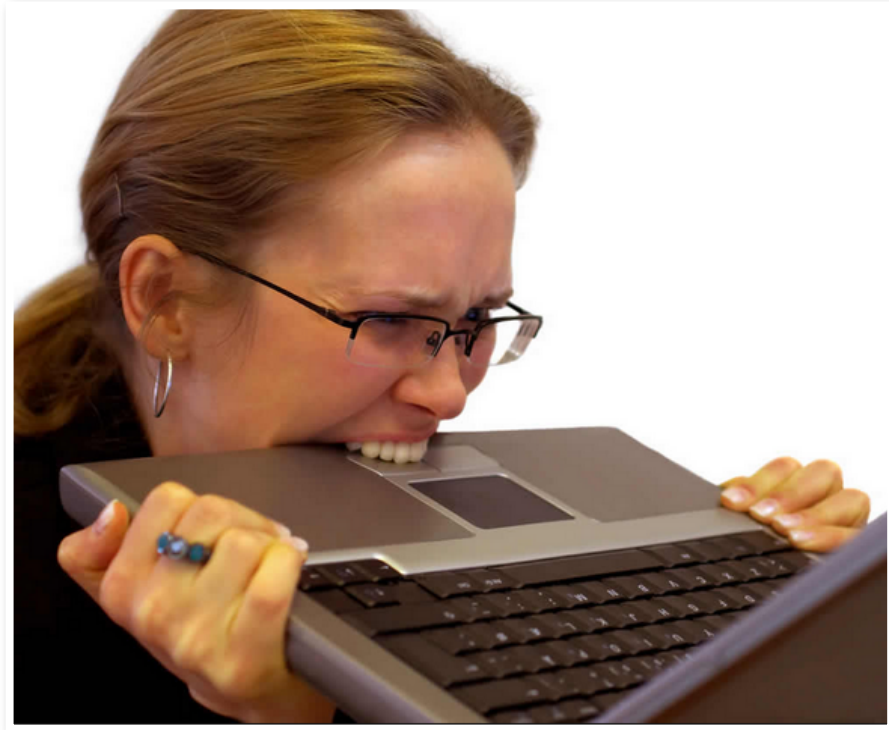


MORE





# How many of you can **relate** to these pictures ?



overwhelmed with information and choices and little help to prioritize ...



**Our Focus ...**

**How  
People Get  
Work Done**







COLLABORATION

CONTENT

COGNITIVE

out think



# IBM Collaboration Solutions



IBM N/D & Verse

Email and business  
communication reimagined



IBM Watson Workspace  
IBM Watson Work Services

Cognitive Group  
Communication  
(platform & client)



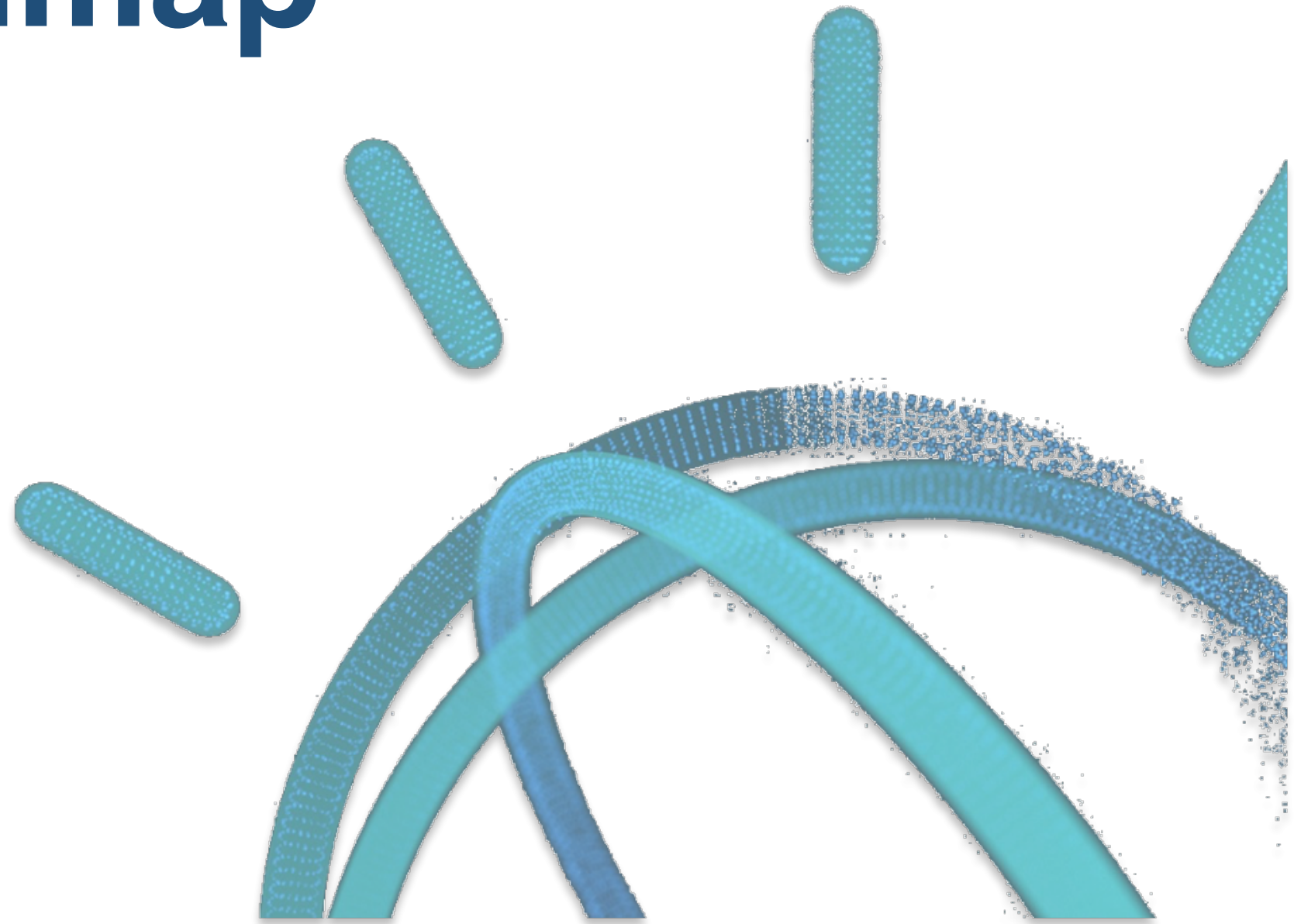
IBM Connections

Enterprise Social  
networking and  
collaboration





# The ND Roadmap



# Notes / Domino Investments - Delivered in 2016 and Coming in 2017



- **Support period extension and Continuous Improvements announcement**
  - Normal Passport Advantage schedule tied to Versions / Releases – Notes / Domino changes to incremental delivery model with continued updates via [Feature Packs](#).
  - September 13 2016 announcement extended the support extension for all current Notes and Domino platforms through **at least September 2021**.
  - Fix Pack 7 released September 2016, "FP8" 1q2017, etc.
  - Most features originally discussed as "Notes / Domino 9.0.2" are being released through Feature Packs.
- **IBM Mail Support for Microsoft Outlook (IMSMO)**
  - Extended Outlook support both the on premises and cloud deployments.
- **ICAA 1.0.1**
- **App.Next**
  - Domino xPages run-time on Bluemix was made available in Q2 2016.
- **IBM Verse On-Premises (General Availability December 30th 2016)**
  - Major addition for Notes / Domino customers – continued improvement to the platform!
  - Intended for all active S&S and Dual Entitlement subscriptions which include Enterprise Client Access License (CAL).
  - Recommended to use with IBM Connections 5.5 Files and Profiles to be deployed (on-premises).



## 9.0.1 Support Extension:

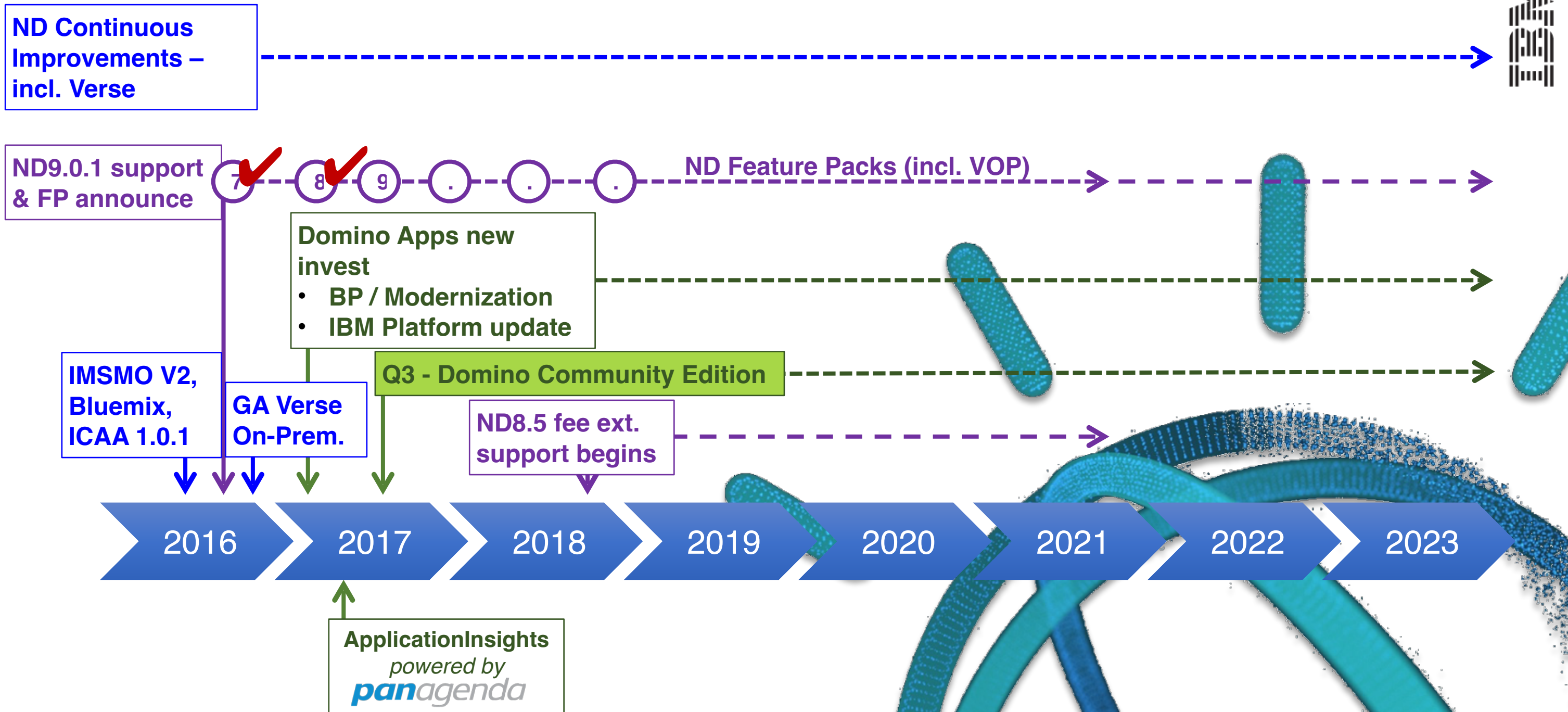
- Customers fully protected on evolving Notes / Domino 9.0.1 platform until 2021
- Notes / Domino 9.0.1 continues to be enhanced on both server and client side
- IBM Verse On-Premises will incorporate feature updates from the cloud

## 8.5.x End of Service:

- Notes / Domino 8.5.x has been in market for 6 years
- Most of the client base has moved to Notes / Domino 9.0.1
- Remaining customers have until September 2018 to make the move to Notes / Domino 9.0.1
  - Customers requiring further support can do so at an additional charge



# The ND Investment Roadmap (May 2017 update)





# What is a Feature Pack?

A “Feature Pack” delivers features, in addition to fixes.  
Our intent is to provide Feature Packs at a cadence of 3-4 per year.

- Notes / Domino 9.0.1 will be the baseline release and future updates will be delivered as feature packs on top of 9.0.1.  
This provides a mechanism for continuous delivery and eases deployments.



# Notes/Domino Feature Packs

- Our objective is to accelerate the delivery of more features into the N/D platform, hence changing approach to gather components into quarterly featured packs for a continuous “agile” delivery model.
- “Core” technical elements required to support the longevity of Domino applications are initially targets for feature pack shipments ...
- Allow us to speak about continued enhancements and have a simple nomenclature without costly Version.Release naming ....
- Template updates will continue to be separate but aligned with the next closest Feature Pack release.
- Sametime on-premises switching to same Feature Pack model !
- **Remember also:** *As of Sep 6, 2016, any downloads (Fixes, Feature Packs, etc.) are only available to customers with active S&S or Dual Entitlement subscriptions !*



# Notes Windows Feature Pack deliverables ...

MAC roll up target 2h2017



## Notes Fix Pack 7

1. Improved support in Notes client for high resolution monitors including 4k monitors
2. Support for TNEF based calendar invitations in Notes/Domino addressing parsing issues

**Q3 2016**

## Notes Feature Pack 8

1. **Support Java 8 run-time**
2. Ability to show internet address instead of Notes address in Mail, Calendar, Contacts and To-Do
3. Improvements in rendering forwarded MIME messages (read-only)
4. Mail template update
5. Policy support for Group By Messages and Beginning of message
6. **Discontinue NBP standalone Kits**

**Delivered Mar 7, 2017**



## Notes Feature Pack 9

1. **Upgrade OSGi/Eclipse to support Java 8 compile time**
2. Ability to run rules on existing emails
3. Support for persistent VDIs for Roaming and SAML configurations
4. Support for Last Name/First Name mail addressing in Notes client providing consistent results
5. Support auto refresh for delegated mail files

Application Development  
modernization items in blue

## High Priority

1. Upgrade embedded Sametime
2. Support for STARTTLS protocol in Notes client
3. Support for incremental overlay in federated calendars for ICS files
4. Delegate Calendar and ToDos option when delegating mail files
5. Increase limit for junk mail in the Notes client
6. Archiving with editor access for delegates
7. Support for folder design upgrades for large number of folders
8. Forward invitation as an invitation

# Domino / App. Dev. Feature Pack deliverables ...



## Domino Fix Pack 7

- ✓ Notes/Domino Port Encryption upgraded to AES

**Q3 2016**

## Domino Feature Pack 8 Delivered Mar 7, 2017

1. Java 1.8 upgrade (Run time only)
2. ExtLib Upgrade from OpenNTF
3. Move Views outside NSF for Increased data store
4. Document encryption for XPages
5. Backend LotusScript / JavaScript / Java Access to ID Vault
6. Increase Doc Summary limit from 64K to 16MB
7. Designer source control extension point for Swiper integration
8. Pubnames template update
9. Support ADFS 3.0
10. New @ModifiedInThisFile, @AddedToThisFile

## Domino Feature Pack 9

1. Upgrade Domino Designer to Eclipse 4.x
2. Java 1.8 upgr (Designer compile tme)
3. Upgrade OSGi on Domino server
4. NIF: Concurrency Enhancements & in-line view update
5. Domino policy to restrict mail from forwarding to an internet address
6. Support RFC 2231 - standard for specifying non-ASCII headers. (Ancient std, however default for many mail clients, e.g. Thunderbird)

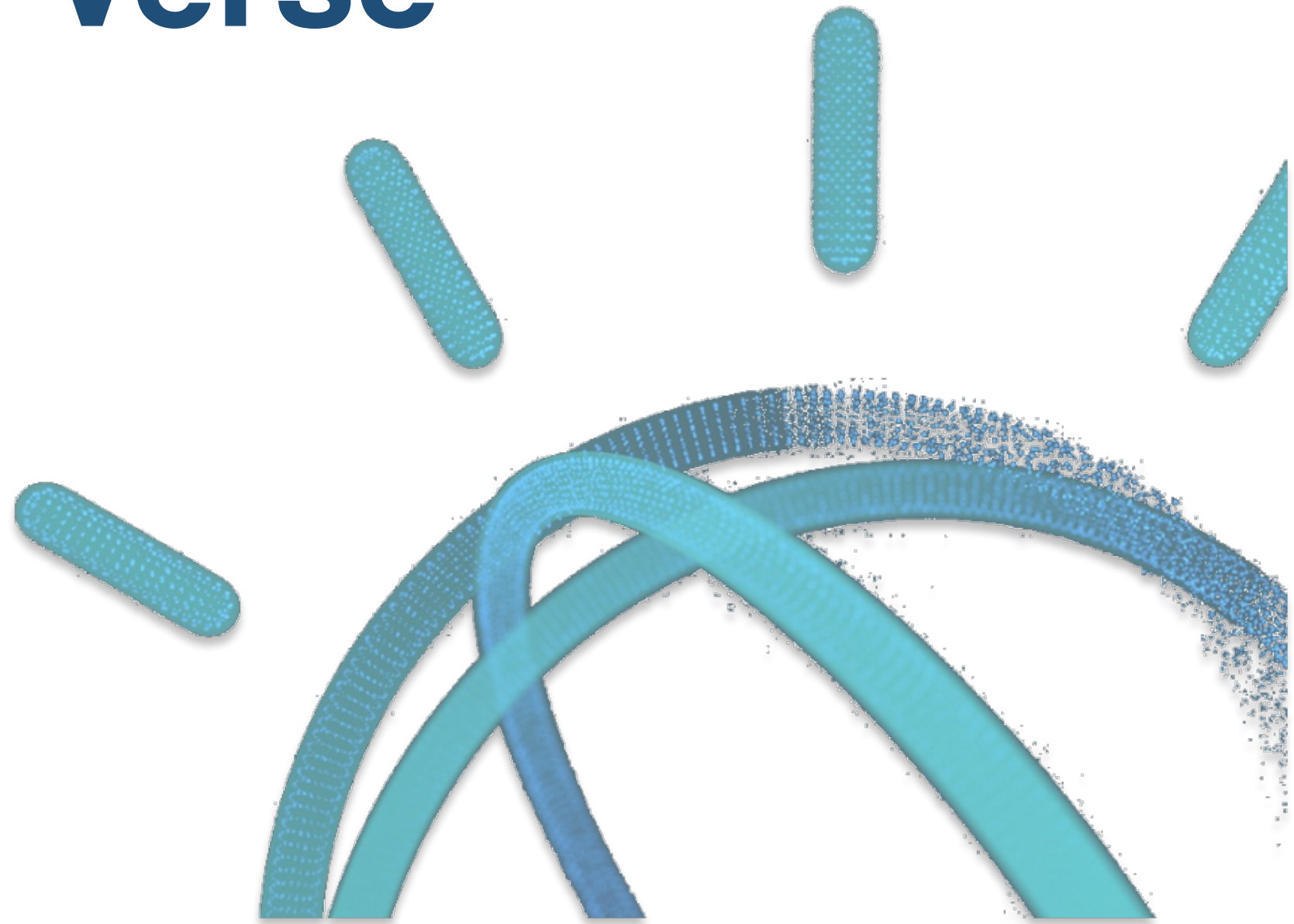
Application Development modernization items in blue

## High Priority

1. Performance and Scalability improvements for IBM Verse On Premises
2. REST APIs for Domino Access Services (DAS)
3. DAS API specs on GITHUB

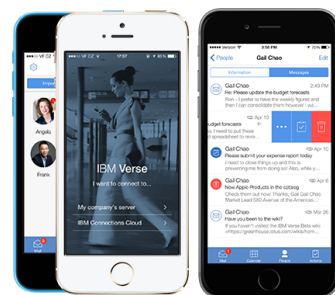


# Social Mail & Verse





# Choices for mail: “Bring Your Own Client” ...



BYOD

Verse Mobile /  
Traveler



iNotes



Notes



MS Outlook

IBM mail support for Microsoft  
Outlook

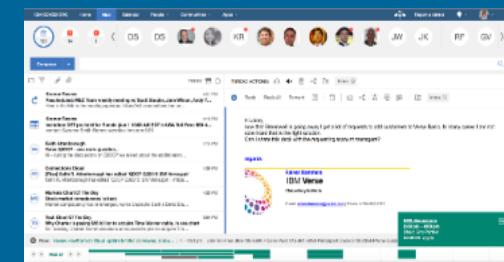


for Outlook 2010, 2013 & 2016

On Premises & Cloud



IBM Verse

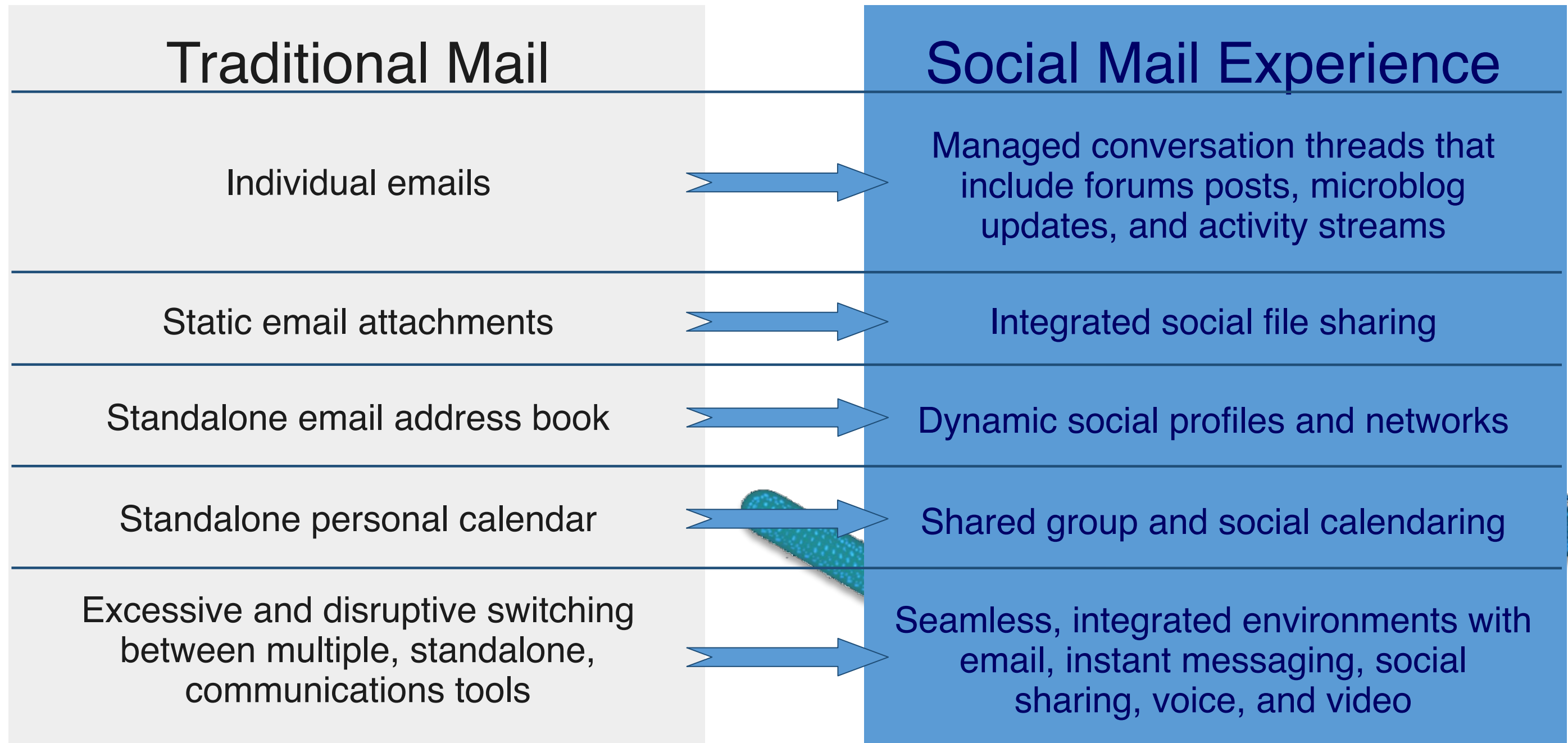


iMAP/POP3



“Very soon, you won't be able to see email and social networking separate. Email will not die, it will in fact have more flavor and will be more integrated”  
*(2013)*

*Neha Gupta, Senior Research Analyst, Gartner*





### Trust People

Bring customers and partners  
into the conversation.

### Empower People

Work with anyone, anytime,  
anywhere, even offline.

### Engage People

Filter out the noise, illuminate ideas.

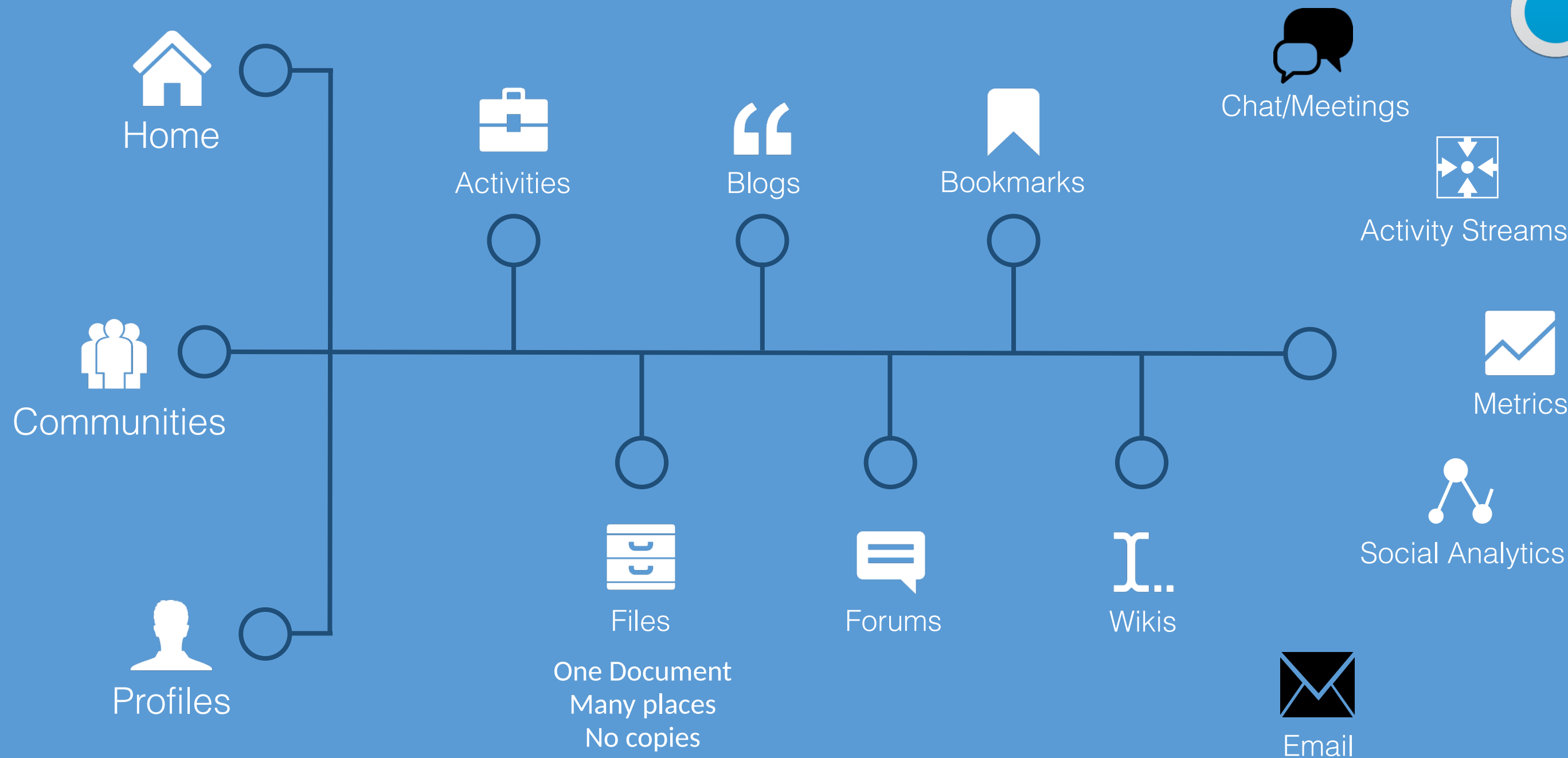
### Extend Technology

Easily integrate existing and new  
applications and capabilities.



# IBM Connections

# Integrated Capabilities of IBM Collaboration Solutions





# Notes 9 Social Edition

Social Theme:  
cleaner, more modern  
look, adopted across  
IBM product line for UI  
consistency

Enhanced  
Search



Shortcuts

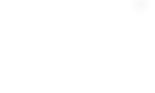
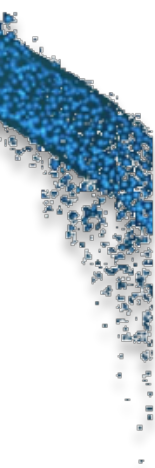
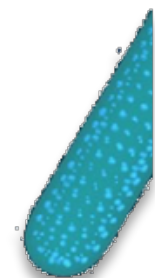
Embedded  
Experiences

Abbreviated  
dates

“Group By”  
and  
“Show Beginning”

The screenshot displays the IBM Notes 9 Social Edition interface. The top menu bar includes 'File', 'Edit', 'View', 'Create', 'Actions', 'Tools', 'Window', and 'Help'. Below this is a toolbar with icons for 'Open', mail, calendar, home, and other functions. The main window is titled 'Mail - Inbox - IBM Notes' and shows a list of emails. The left sidebar contains a 'Shortcuts' section with links to 'Inbox', 'Drafts', 'Sent', 'Follow Up', 'All Documents', 'Junk', 'Trash', 'Chat History', and 'Views'. The right sidebar features 'Sametime Contacts' and 'Files' sections. The central email list is grouped by date, with sections for 'Today (total: 1)', 'Yesterday (total: 2)', and 'Rest of Week (total: 2)'. A pop-up window for 'Samantha Daryn' is visible, showing her profile picture, name, title, and contact information. The email content area shows a message from Samantha Daryn sharing a file 'IBM.jpg' with the user. The interface is clean and modern, with a blue and white color scheme.

# Incl. File Sync & Share ...



IBM Notes

File Edit View Create Actions Tools Window Help

Mail - Uffe 9 All - IBM Notes

Open [Icons]

Discover Replication a... Uffe Sorensen... Uffe Sorensen... > Closing str... Russian Certif... Re: Fwd: Con... Invitation: M... ke: Engage 2... Hemmelig rapp...

Uffe Sorensen on Local

Inbox (21967)

Drafts

Sent

Follow Up

All Documents

Junk

Trash

Chat History

Views

New Travel

Uffe 9 All

Folders

Follow Up

Remove Flag

Who Due Subject

Dale Esmerald 07/30 \*IBM C

t.vaneckhout 07/31 Re: Foll

A Note from K 08/15 IBM Co

Michael Philip 08/22 Re: Fw:

Office Producti 10/03 Action

Global End Us 10/24 Action

Global End Us 10/29 UPDATI

Nordic Internal 11/25 iPad fo

Forsyningen Al 12/14 Aflæsni

Expertise-Loc 01/23 FOR YC

IBM Cybersecu 02/03 WARNIN

New Reply Reply to All Forward More

Search in View 'Uffe 9 All'

Search for

Sort by default

Jane Watts 2017/03/03 20:35

Q1 Business assessment and WSR pipeline - TRX and SaaS

Courtney Carter 2017/03/03 21:06

"IBM Presents the Notes/Domino Application Modernization Plan" Canceled

w3conns 2017/03/03 21:31

[Files] George K. Watts edited the file 'Approved+Global.xls'.

Barry Rosen 2017/03/03 22:27

Fwd: "IBM Presents the Notes/Domino Application Modernization Plan" Can

Barry Rosen 2017/03/03 23:10

Re: Fwd: "IBM Presents the Notes/Domino Application Modernization Plan"

Bruce Broadley 2017/03/04 00:34

Fw: Translation Requirements - Basque (Euskera)

Illustreret Videnskab 2017/03/04 02:23

Sådan påvirker naturen din krop og hjerne // 5 giftige dyr skal redde vores

Barry Rosen 2017/03/04 02:33

Re: "IBM Presents the Notes/Domino Application Modernization Plan" Canc

Bruce Broadley 2017/03/04 02:37

Mail about Catalan I believe ...

Jordi Busquets Cervera 2017/03/04 02:41

Re: AEAT: VoP on Suse - support statement is needed

Connections Cloud 2017/03/04 03:01

Connections Files

[Files] George K. Watts edited the file 'Approved+Global.xls'.

w3conns to: 2017/03/03 21:31

Please respond to w3conns

Show Details

George K. Watts edited the file Approved+Global.xls.

Open this item | Open in Mobile

Community: Global Procurement Policies and Practices Community

Tags: non, po

Posting Date: Friday, March 3, 2017 at 8:29:57 PM GMT

To unsubscribe or change settings, please go to your IBM Connections Settings.

This is a notification sent from IBM Connections.

Sametime Contacts

Files

Type a user name or email add

My Files

170301 - ND Roadmap 19.1 MB

170301 - ND Roadmap 13.1 MB

1689A - ND Licensing.r 7.1 MB

161122 - ND & Verse U 25 MB

161108 - ND Verse Upc 24.6 MB

161108 - ND Verse Upc 19.4 MB

161103 - ND Verse Upc 24.8 MB

161103 - ND Verse Upc 20.3 MB

161027 - ND Verse Roa 24.1 MB

161027 - ND Verse Roa 26.2 MB

160914 - VND Roadma

Activities

Feeds

Status Updates

SmartCloud for Uffe Sorensen



# Incl. File Sync & Share ...



IBM Notes

File Edit View Create Actions Tools Window Help

Mail - Uffe 9 All - IBM Notes

Open

Discover

Uffe Sorensen on Local

Inbox (21967)

Drafts

Sent

Uffe Sorensen

Uffe Sorensen

> Closing str...

Russian Certif...

Re: Fwd: Con...

Invitation: M...

Uffe Sorensen

Hemmelig rapp...

Search for

Search

Show results

Sorted like current view

Indexed

Sort by default

Connections Files

Desktop & Mobile Sync

IBM Connections Sync

Favorites

IBM Connectio...

AirDrop

All My Files

Applications

Desktop

Documents

Downloads

2017

Customers

Events

Priv

Product

Reiser

Name	Date Modified
170301 - ND Road...Uffe Sorensen.pdf	2017 Mar02, 03.43
170301 - ND Road...Uffe Sorensen.pptx	2017 Mar02, 03.40
1689A - ND Licensing.pptx	2017 Feb26, 04.02
Exec Visit Jason G...ec 6-10, 2016.docx	2016 Dec07, 14.18
Exec Visit Ed Brill...-Dec 2, 2016.docx	2016 Nov23, 22.05
Exec Visit barry Ro...c 12-16,2016.docx	2016 Nov21, 15.46
Exec Visit Karina T...ec. 7-9, 2016.docx	2016 Nov21, 13.12
IBM Verse On-Pre...s Sales Talk V1.pptx	2016 Nov16, 16.21
Exec Visit Inhi Cho...ov14-18_2016.docx	2016 Nov15, 14.22
IBM and ICS Strategy Deck.pptx	2016 Nov11, 15.47
Toscana intro for customers.pdf	2016 Aug16, 19.56
Toscana messages and FAQ.pdf	2016 May19, 15.14
What's New in IBM...IBM DominoV1.ppt	2016 Apr21, 15.00
IBM Connect 2016...he Highlights.pptx	2016 Apr12, 06.52

[Files] George K. Watts edited the file 'Approved+Global.xls'.

w3conns to: 2017/03/03 21:31

Please respond to w3conns

Show Details

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Global Procurement Policies and Practices Community

non, po

Date: Friday, March 3, 2017 at 8:29:57 PM GMT

Subscribe or change settings, please go to your IBM Connections Settings.

Notification sent from IBM Connections.

Sametime Contacts

Files

Type a user name or email add

My Files

170301 - ND Roadmap

Mar 2, 2017 | 19.1 MB

170301 - ND Roadmap

Mar 2, 2017 | 13.1 MB

1689A - ND Licensing.r

Feb 26, 2017 | 7.1 MB

161122 - ND & Verse U

Nov 23, 2016 | 25 MB

161108 - ND Verse Upc

Nov 10, 2016 | 24.6 MB

161108 - ND Verse Upc

Nov 10, 2016 | 19.4 MB

161103 - ND Verse Upc

Nov 3, 2016 | 24.8 MB

161103 - ND Verse Upc

Nov 3, 2016 | 20.3 MB

161027 - ND Verse Roa

Oct 31, 2016 | 24.1 MB

161027 - ND Verse Roa

Oct 31, 2016 | 26.2 MB

160914 - VND Roadma

Activities

Feeds

Status Updates

IBM Cybersecu 02/03

WARNI

Connections Cloud

2017/03/04 03:01

SmartCloud for Uffe Sorensen



# IBM mail support for Microsoft Outlook – 2Q2016



Delivers Outlook  
experience  
Against Domino server

Interacts seamlessly  
with Notes, VOP,  
iNotes clients

Requires minimal IBM  
code + Outlook  
software

Product Information



Subscription Product

Microsoft Office 365

This product contains



[Manage Account](#)



Update  
Options

Office Updates

Updates are automatically downloaded and installed.  
Version: 16.0.4229.1024



About  
Word

About Word

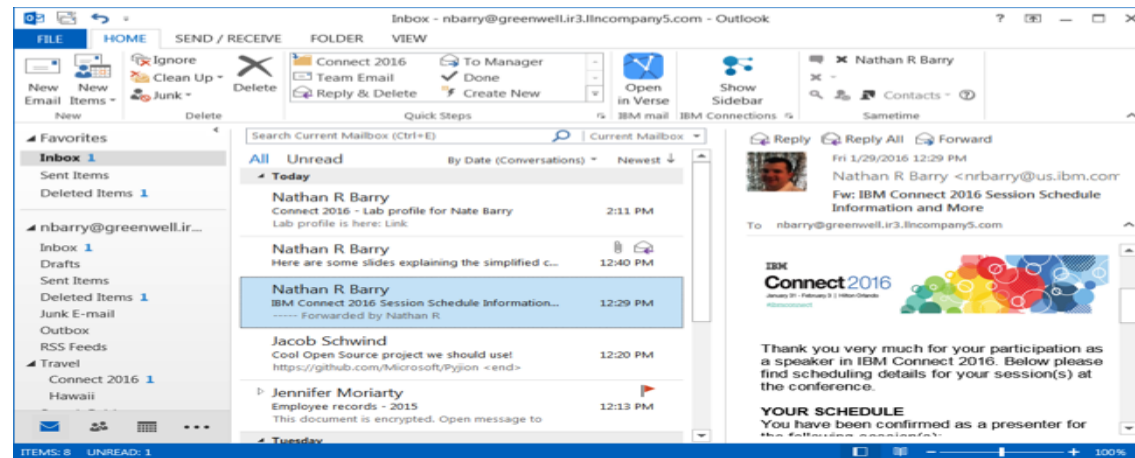
Learn more about Word, Support, Product ID, and Copyright information.



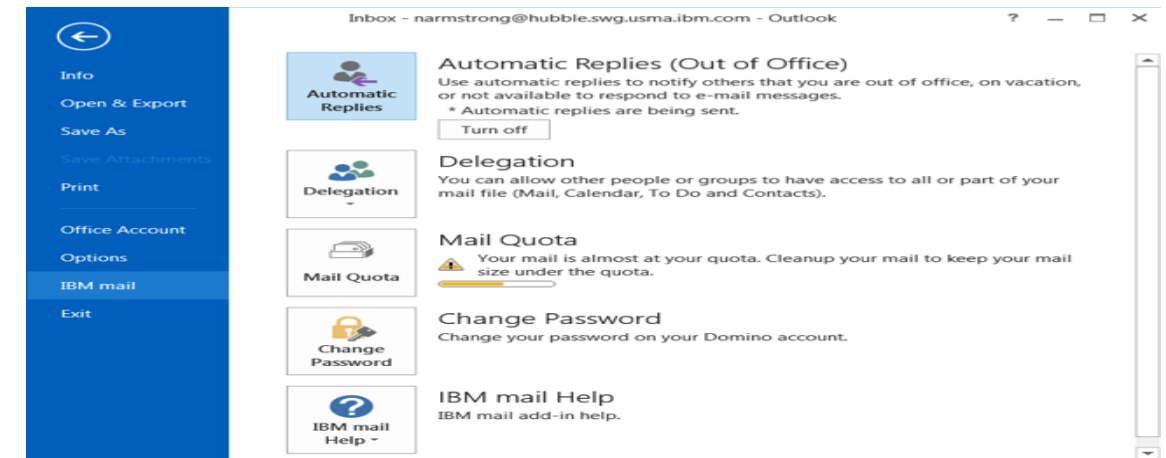
# All Standard Outlook features retained in IMSMO



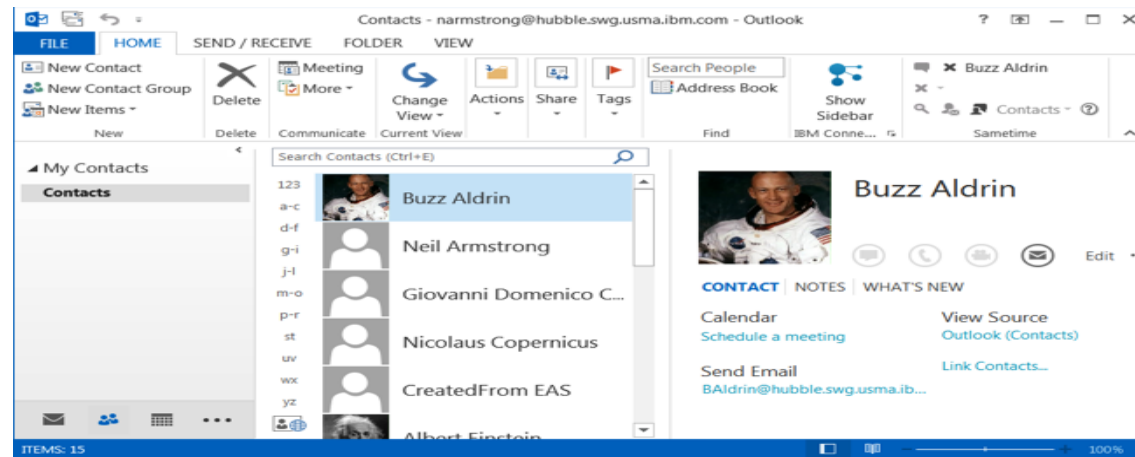
## Main Interface:



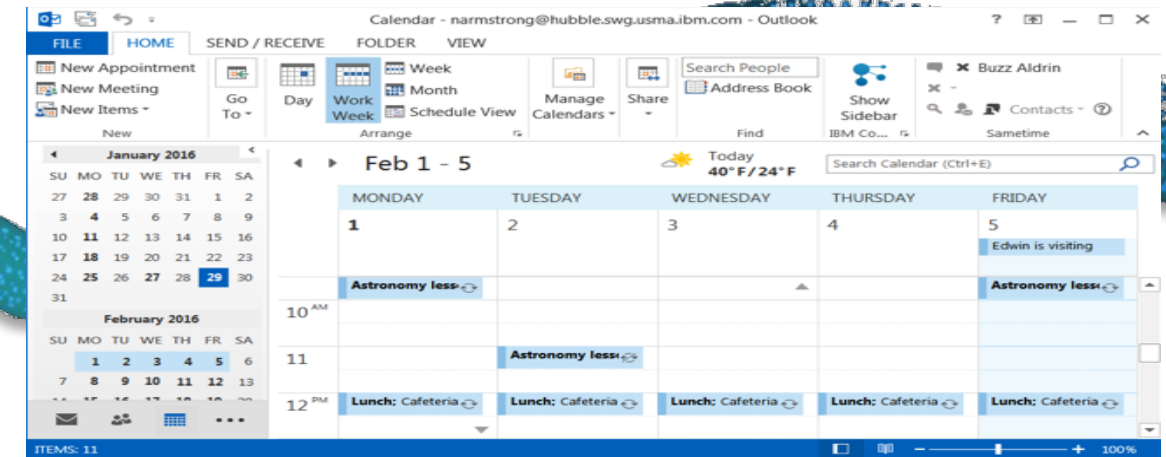
## Mail Options:



## Contacts:



## Calendar:



# IMSMO: Delivered since IBM Connect 2016 & Future Plans



Outlook 2013 Support  
Cloud

- Outlook 2010/2016
- Accessible Client

- Auto-Login (Cloud)
- >30 day Data Accumulation (Cloud)

Outlook 2013 Support  
On-Premises

- Address Book Provider
- Search IBM Cloud Mail (Cloud)
- Click to Configure (Cloud)

- Calendar Rich Text
- Mail/Calendar Delegation

Future Candidates:

- X.509 Signing / Encryption
- Initial Sync >30 days (cloud)
- Freetime Granularity
- Add Calendar Attachments
- View Cal attachments offline

Q1 2016

Q2 2016

Q3 2016

Q4 2016

Q1 2017

Q2 2017

2H & Beyond

Purple = Delivered

Blue = Planned





# IBM Verse



Mail that understands you



Less clutter, more clarity



Connecting me to we

# IBM Verse: Mail re-imagined for a #NewWayToWork



Mail that  
understands you

Both cloud- & on-premises, designed for mobile, and powered by IBM's analytics and advanced search, IBM Verse works for you, not the other way around.

Less clutter,  
more clarity

Experienced through a simple, see-only-what-you-need interface, IBM Verse helps you focus on what matter most.

Connecting  
me to we

With an array of intelligent, secure and engaging social apps, IBM Verse opens up new ways to work together.



# IBM Design Thinking

DELIVERING GREAT USER EXPERIENCES



# Design Thinking...

OK, Nice,  
But what does that  
really mean?

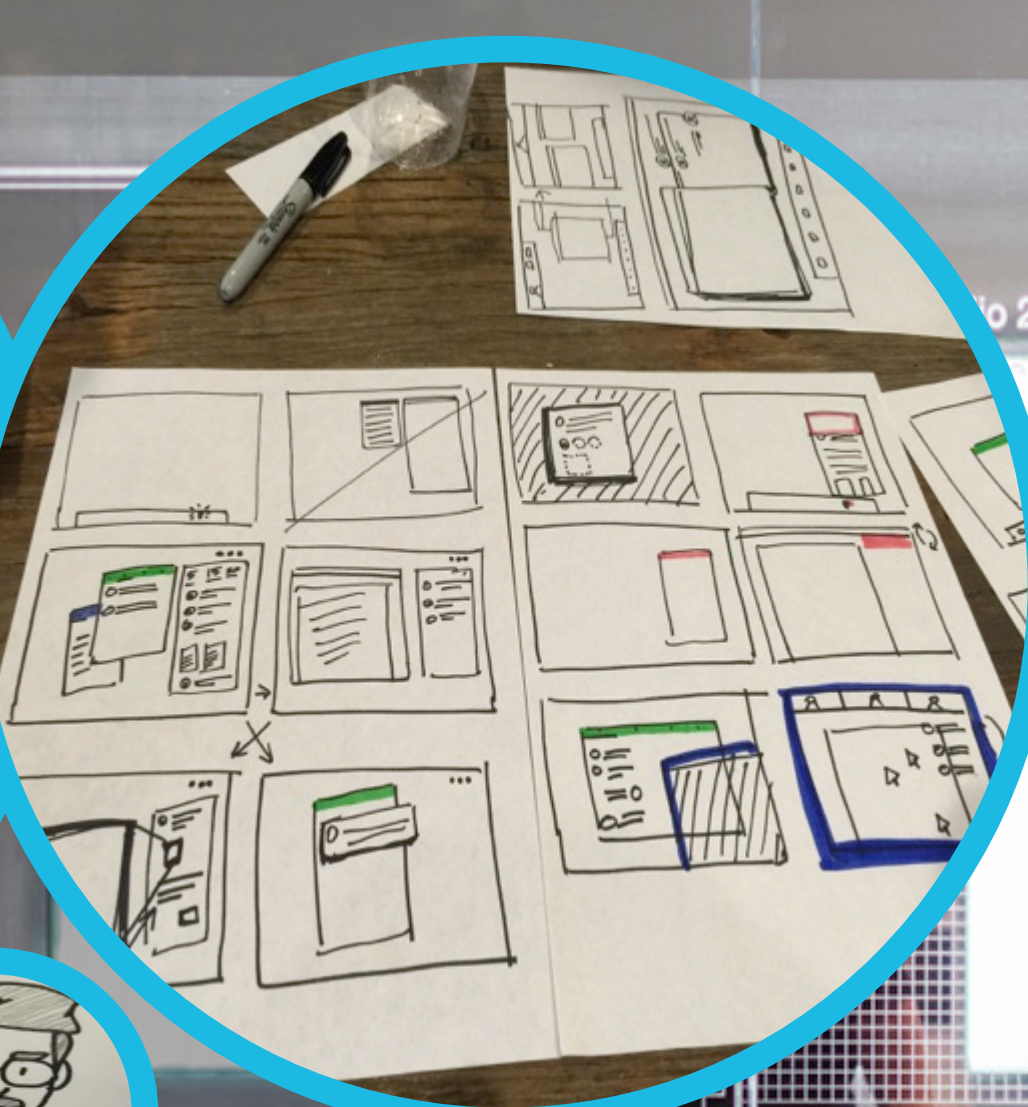
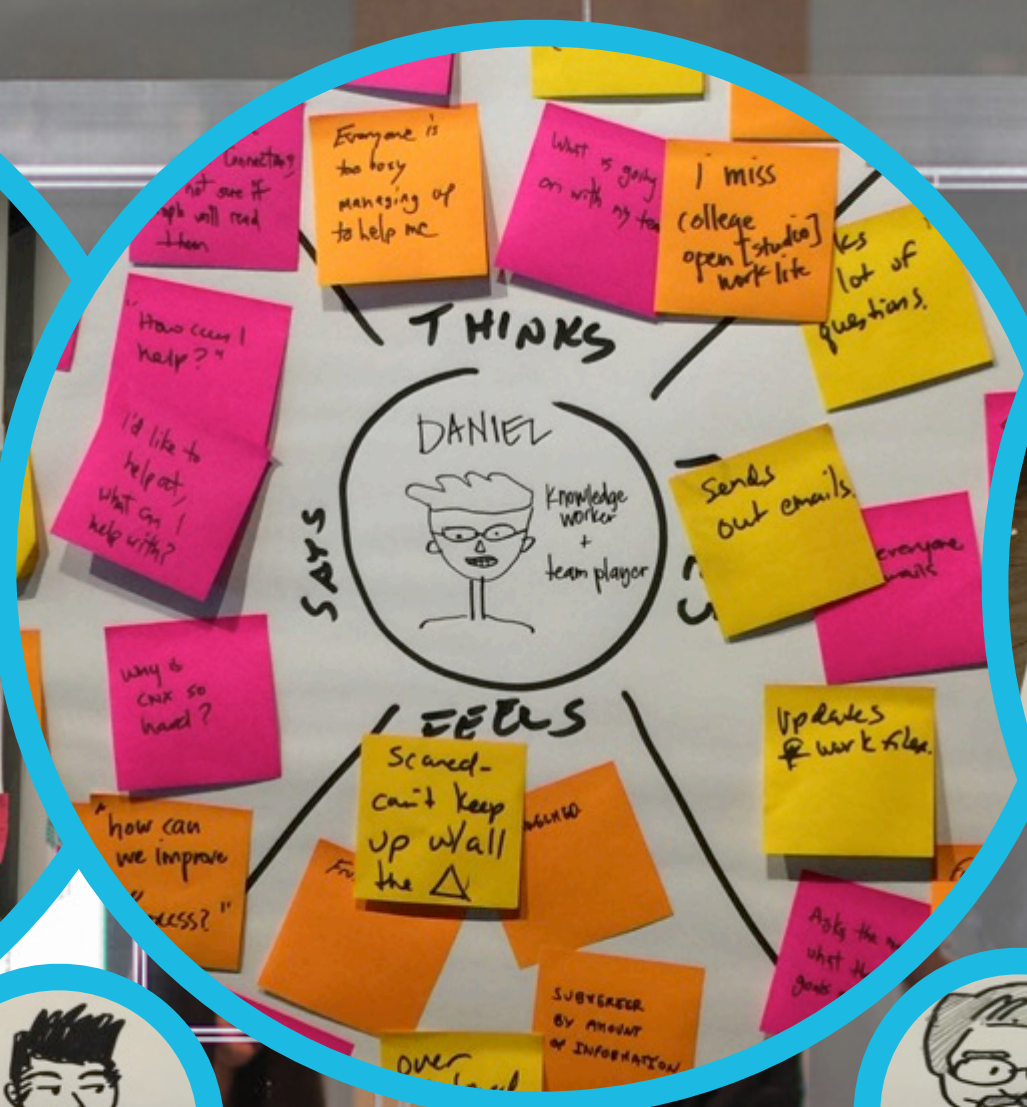






IBM Design Thinking = User Centric





IBM Design Thinking = User Centric



# The New Mail Experience: IBM Verse

Important people to me!

Suggested

My calendar

The screenshot displays the IBM Verse email interface. At the top, a navigation bar includes links for Mail, Calendar, People, Communities, and Apps. Below this, a row of profile pictures represents 'Important people to me!'. The main area is divided into a 'Compose' section on the left and a list of emails. The selected email is from Heather Reeds to Gail Chao, titled 'Summit International Awards'. The email content discusses the Marketing Effectiveness Award (MEA) and includes a link for more information. A calendar overlay is visible in the foreground, showing two events: 'Invitation: Greenwell Coin Requirements' from 9:30 am to 11:00 am, and 'Marketing Budget' from 10:00 am to 11:30 am. The calendar also shows the current date as Monday, January 26, and the time as 10:00 am.

Mail Calendar People Communities Apps

24 1 due 2 due

Compose

Today

Reply Reply All Forward

Summit International Awards

Gail Chao to me (cc), Heather Reeds

Tue 01/20  
Show More

I am so impressed with the marketing materials and strategies for Greenwell Coin, I think we should consider enter the Summit MEA competition this year. The Marketing Effectiveness Award (MEA) would be quite a feather in our caps.

Heather, in case you're interested here is the link for the information:

[Summit International Awards - Marketing Effectiveness Award](#)

Invitation: Greenwell Coin Requirements  
9:30 am - 11:00 am

Larry Moriarty  
Room Orlando 1-888-232-8881 passcode: 1001001

Marketing Budget  
10:00 am - 11:30 am

Heather Reeds  
Rm 42 1-898-9892 passcode: 1234

Now: Business Review - Greenwell Coin | 1 - 3:30 pm

Mon 26

7am 8am 9am 10am 11am 12pm 1pm 2pm 3pm 4pm 5pm 6pm



December 2015



486,978

IBMers on Verse







# Verse Users' Favorite Features:

*"How did I live  
without this before?"*

Samantha Tolomeotti, Financial Analyst, IBM

Important To Me Bar

Modern Interface

Faceted Search

Calendar Bar

Waiting For/Needs action

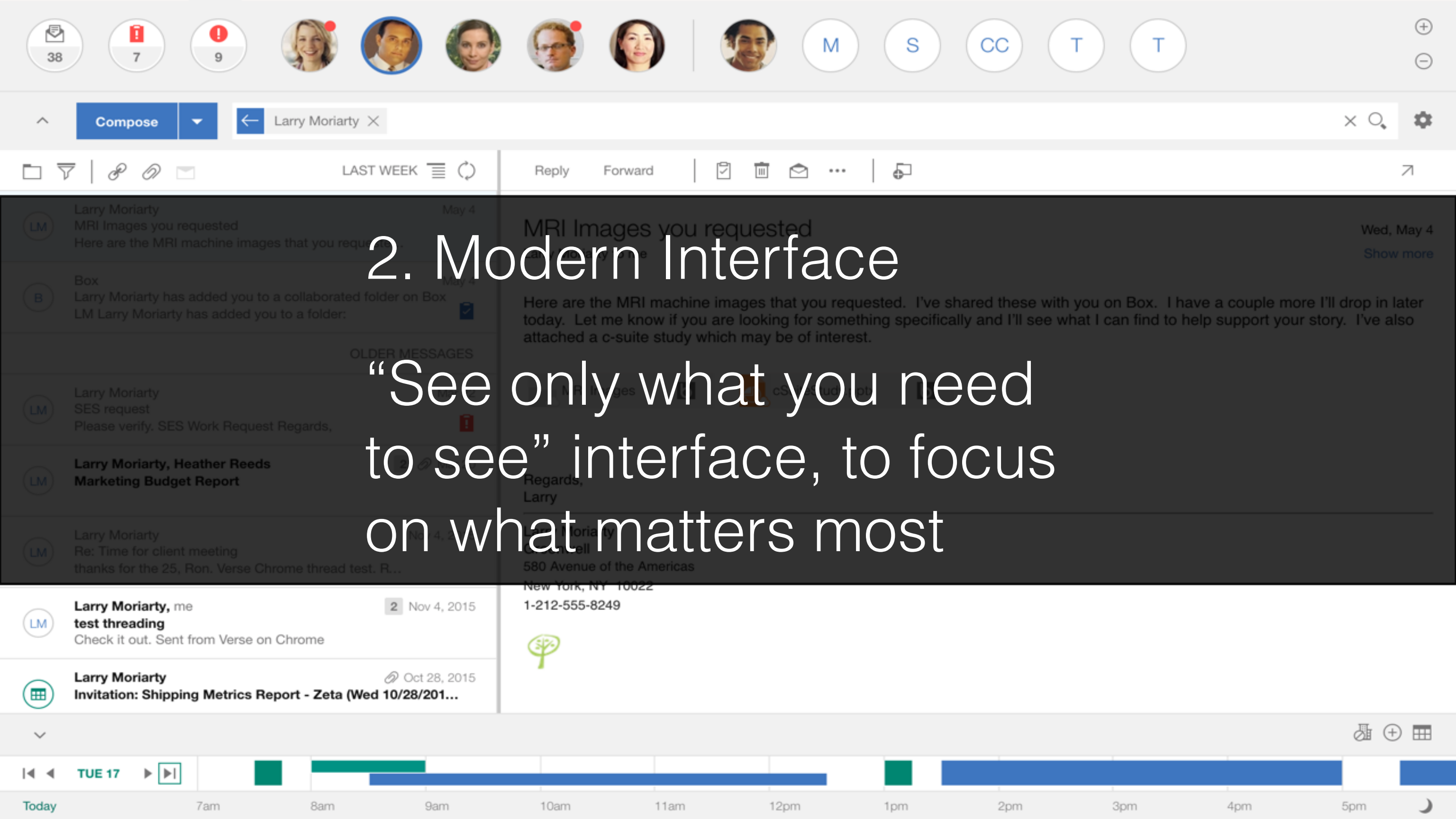
IBM Verse

#NewWayToWork





A screenshot of an email client interface, likely Gmail, showing a list of emails on the left and a detailed view of an email from Larry Moriarty on the right. The email content discusses MRI images and a c-suite study. A large, semi-transparent white text overlay is centered on the screen, reading "1. Important To Me Bar". The overlay text is arranged in four lines: "1. Important To Me Bar", "Drag and Drop names", "based on projects", and "starting and finishing, sort based on 'Important To Me'". The background interface includes a top navigation bar with icons for compose, search, and settings, and a bottom status bar showing the date "TUE 17" and a calendar view.



## 2. Modern Interface

“See only what you need to see” interface, to focus on what matters most



41

3

4

Compose

Heather Reeds sales

OLDER MESSAGES

Refine

Results: 2

TIME

Older than June

2

FOLDER

Inbox

1

SENDER

Heather Reeds

2

✓

Sales Review

Nov 9, 2015

✓

Sales Review

Nov 9, 2015

Now Marketing Plan | 3 - 4 pm | 1-800-IBM-VERSE PC 12345

MON 13

12pm

1pm

2pm

3pm

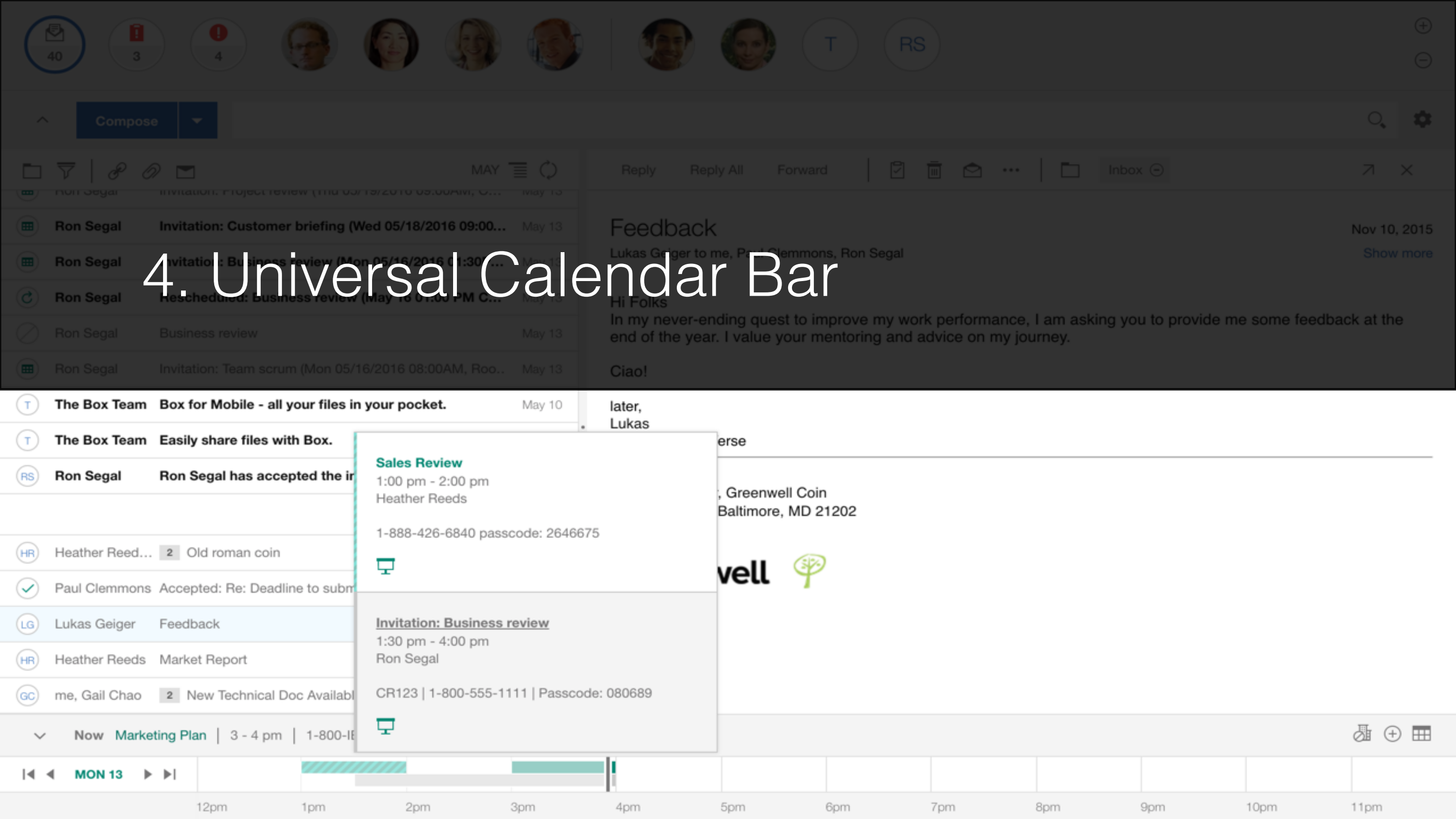
4pm

5pm

### 3. Faceted Search

Find all emails from Heather that had the word “sales” and had an attachment

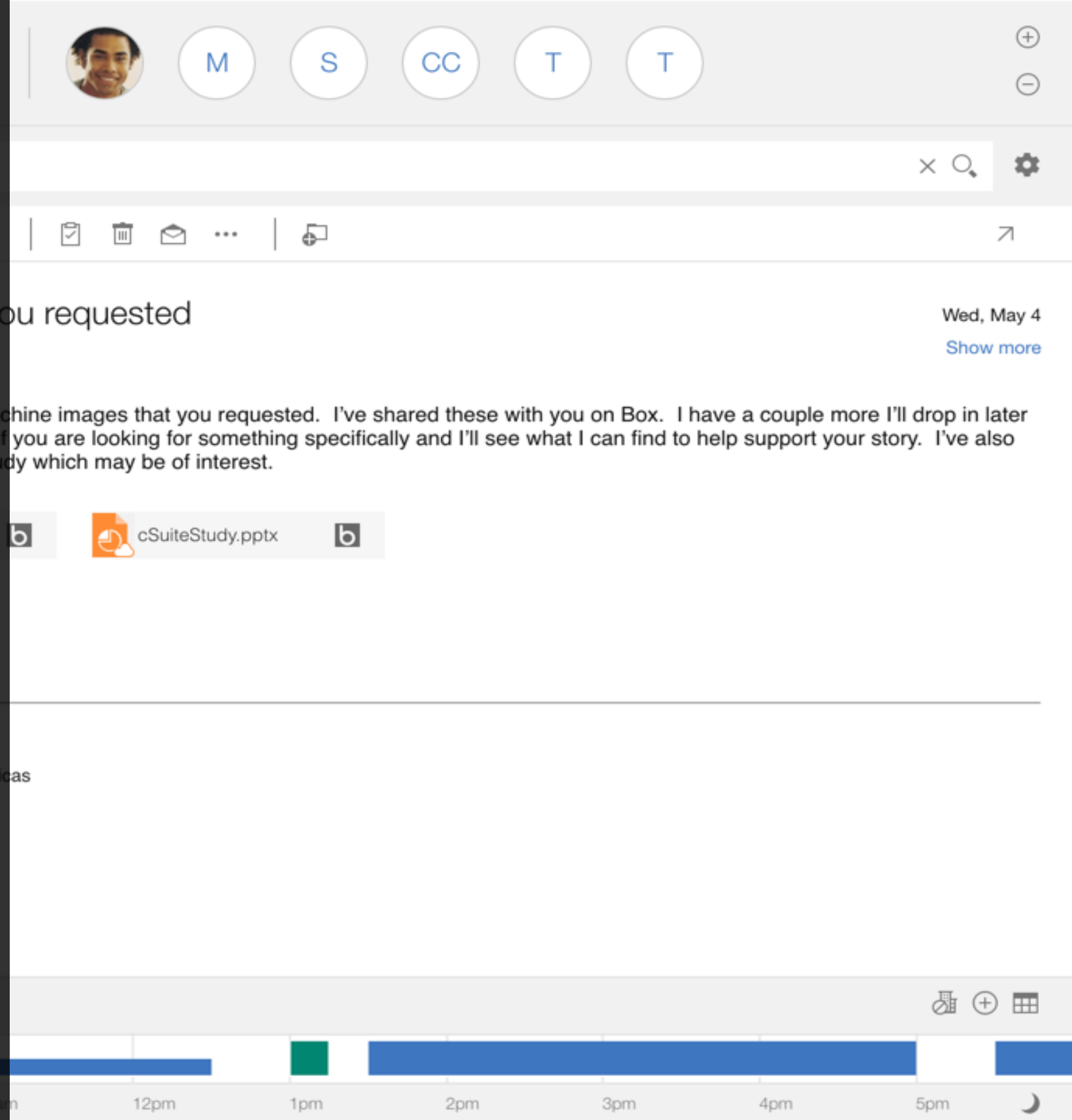
## 4. Universal Calendar Bar

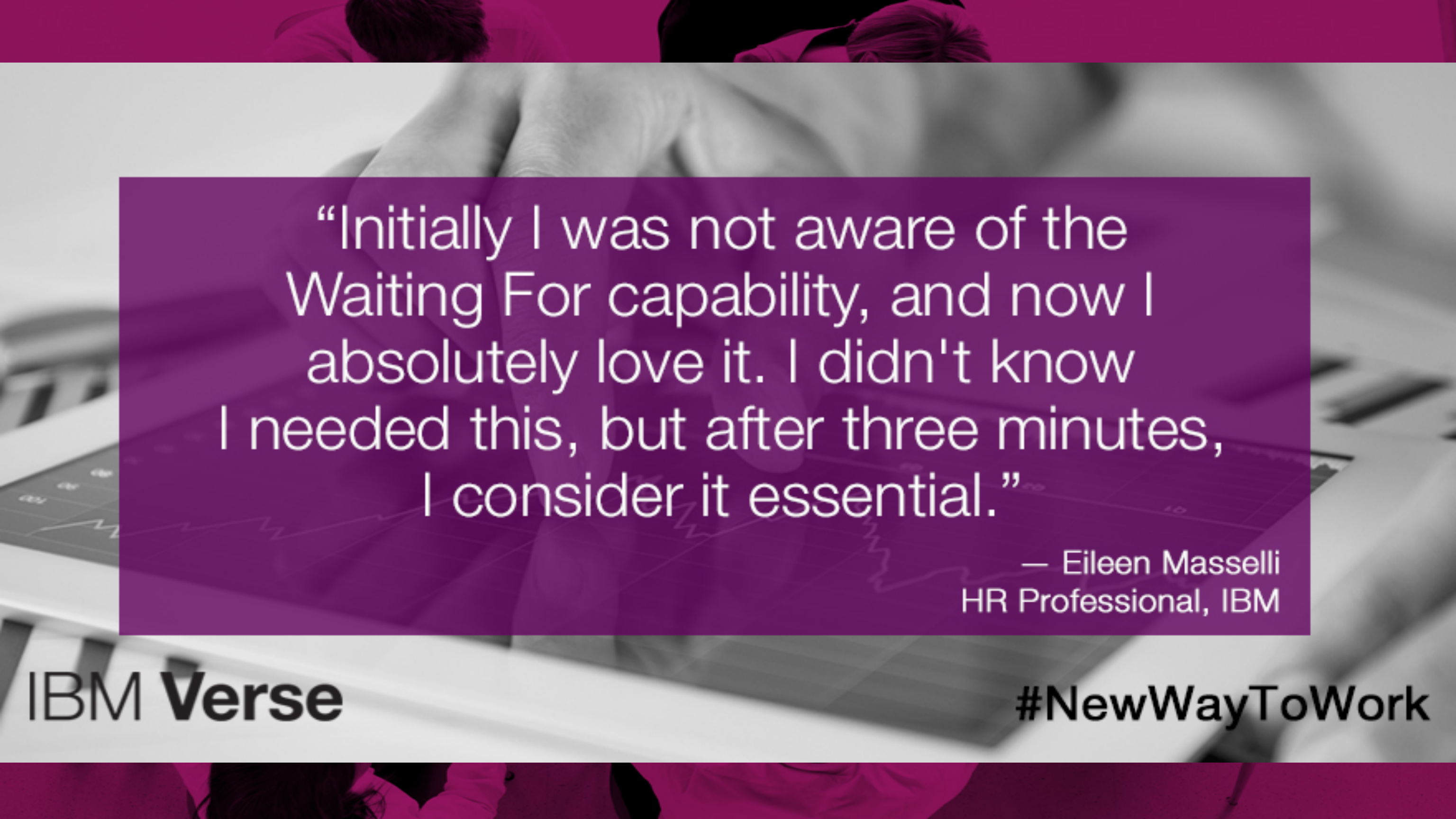




## 5. Waiting For & Needs Action

Mark emails coming in and going out as Needs Action and Waiting For as a form of follow up.





“Initially I was not aware of the  
Waiting For capability, and now I  
absolutely love it. I didn't know  
I needed this, but after three minutes,  
I consider it essential.”

— Eileen Masselli  
HR Professional, IBM

IBM **Verse**

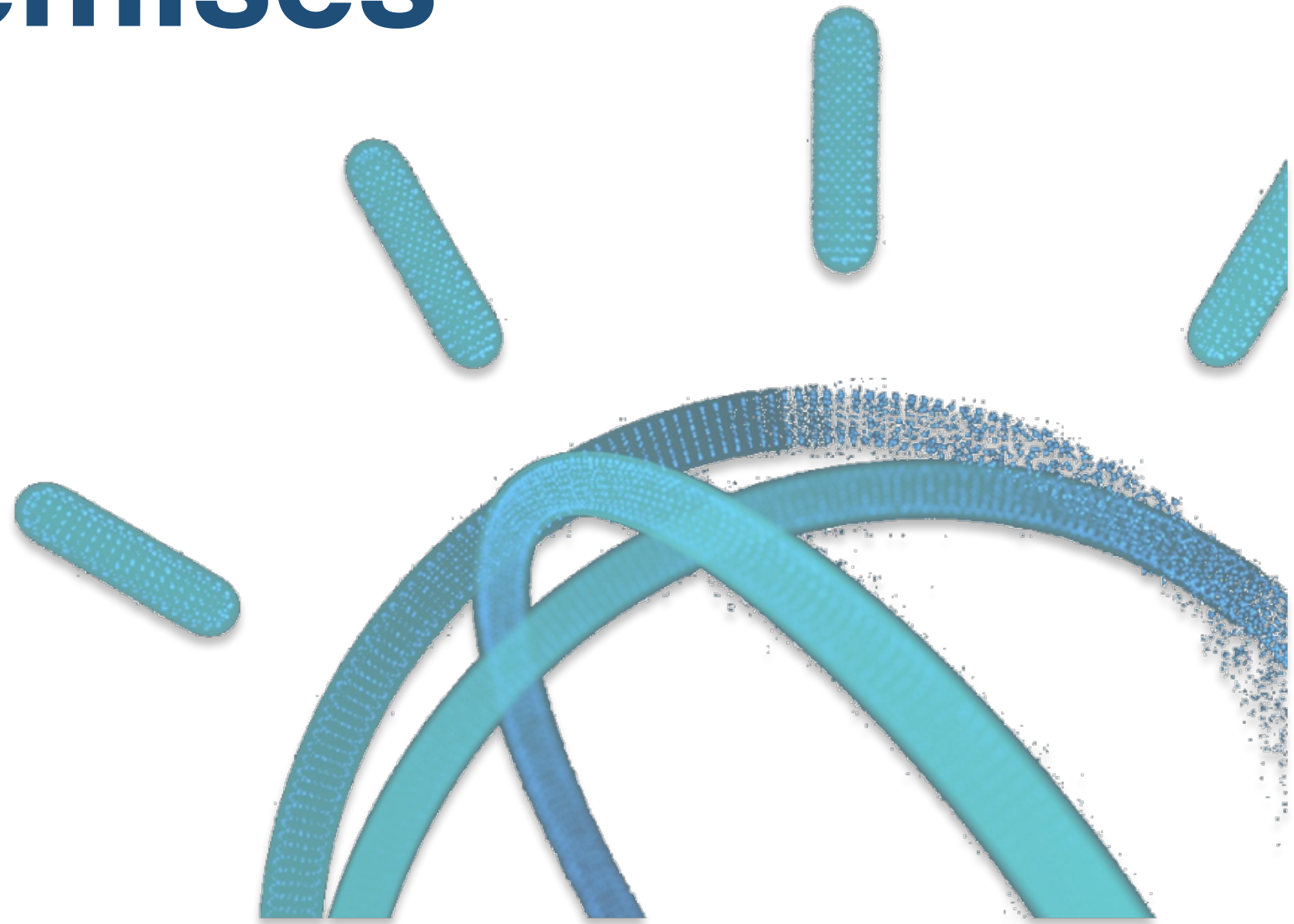
**#NewWayToWork**





# Verse On-Premises

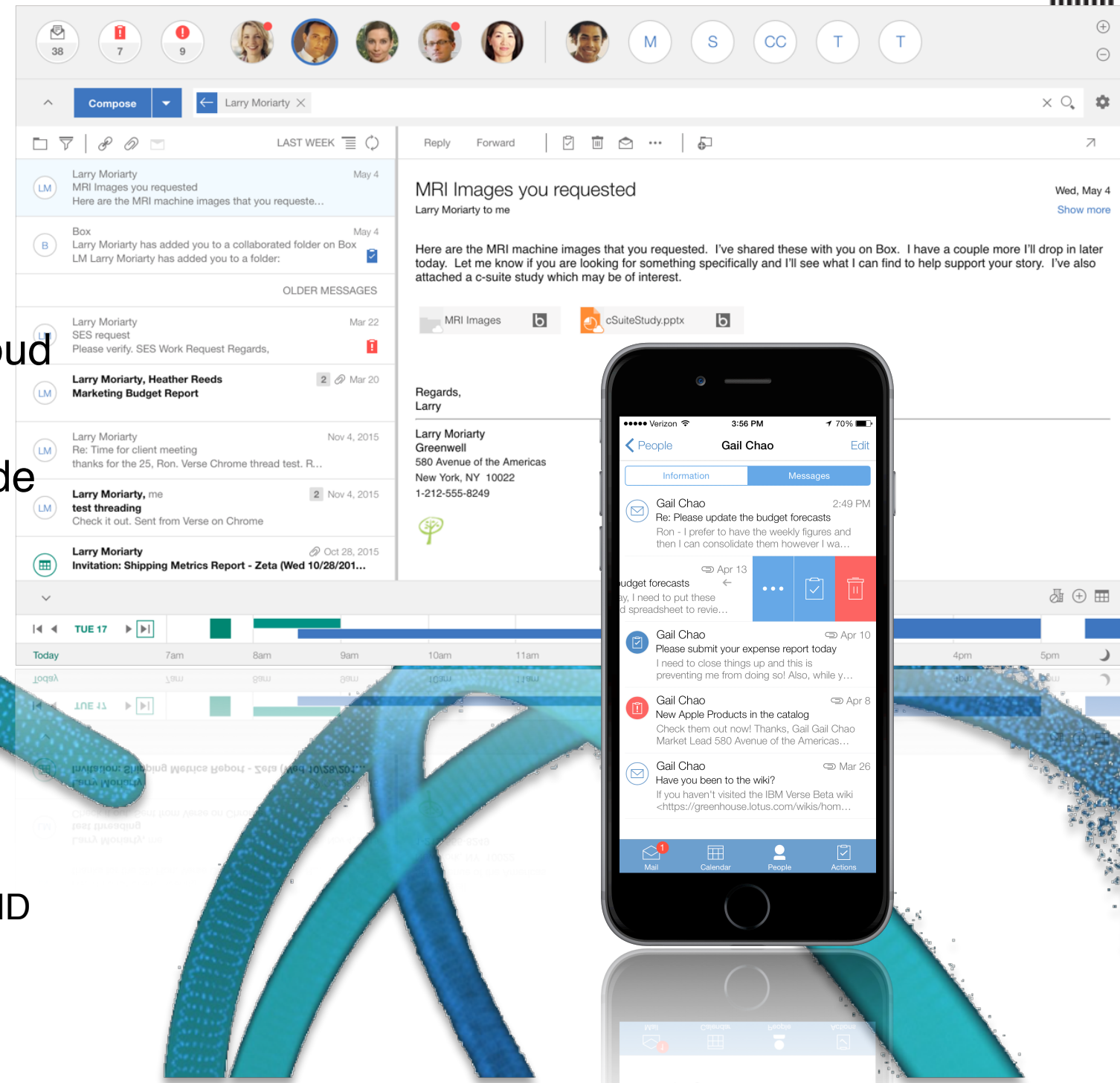
Available since Dec 2016



# Verse On-premises Overview

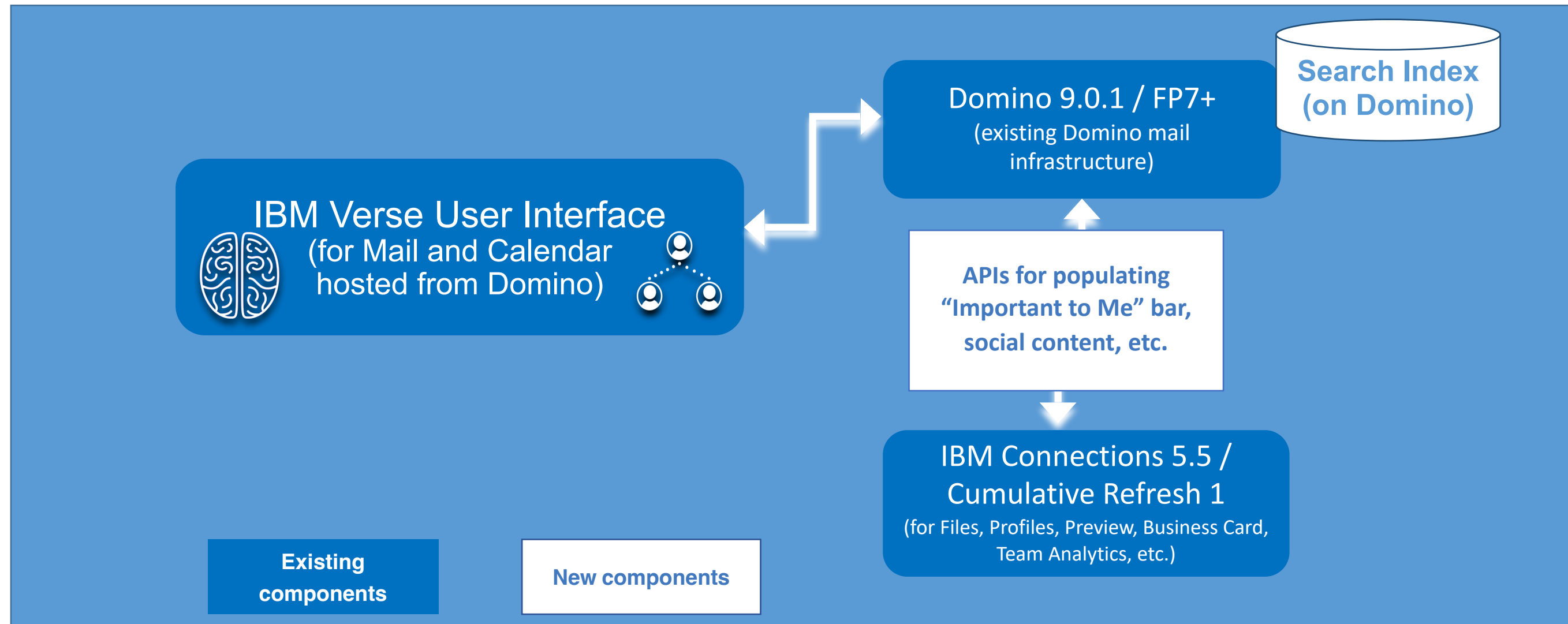


- Domino customers can now deploy Verse both in Cloud and On-Premises to further leverage their investment with latest generation e-mail !
- Verse On-premises provides the same rich experience, enjoyed by Verse users in the cloud.
- IBM will continually update VOP with new Verse Cloud capabilities.
- IBM Verse with IBM Client Application Access provide an “evergreen” user desktop.
- Available and entitled via active S&S for Notes/Domino:
  - CEO plus Messaging or Enterprise CAL/PVU
  - Messaging / Collaboration Express
  - All Dual Entitlement (DE) licensing
  - Must have active S&S or DE Service !
  - Leverage Connections Files & Profiles entitlements with ND





# IBM Verse On-Premises High-Level Architecture

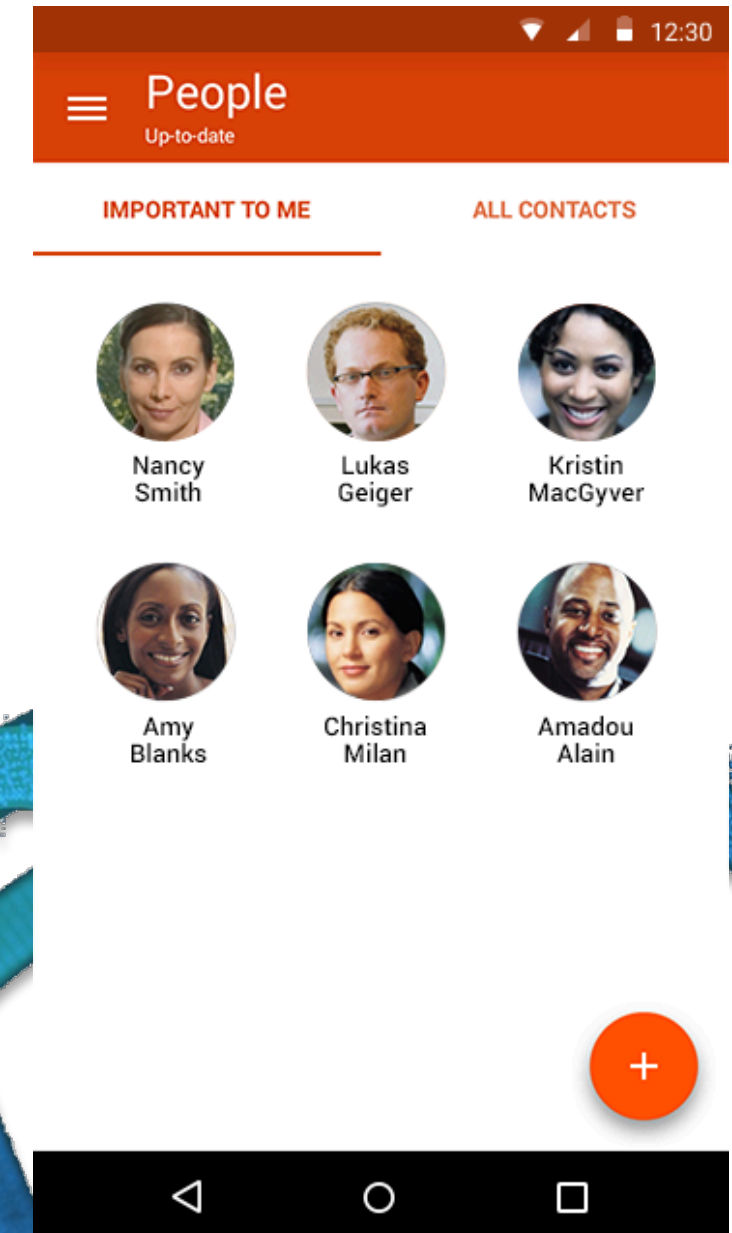
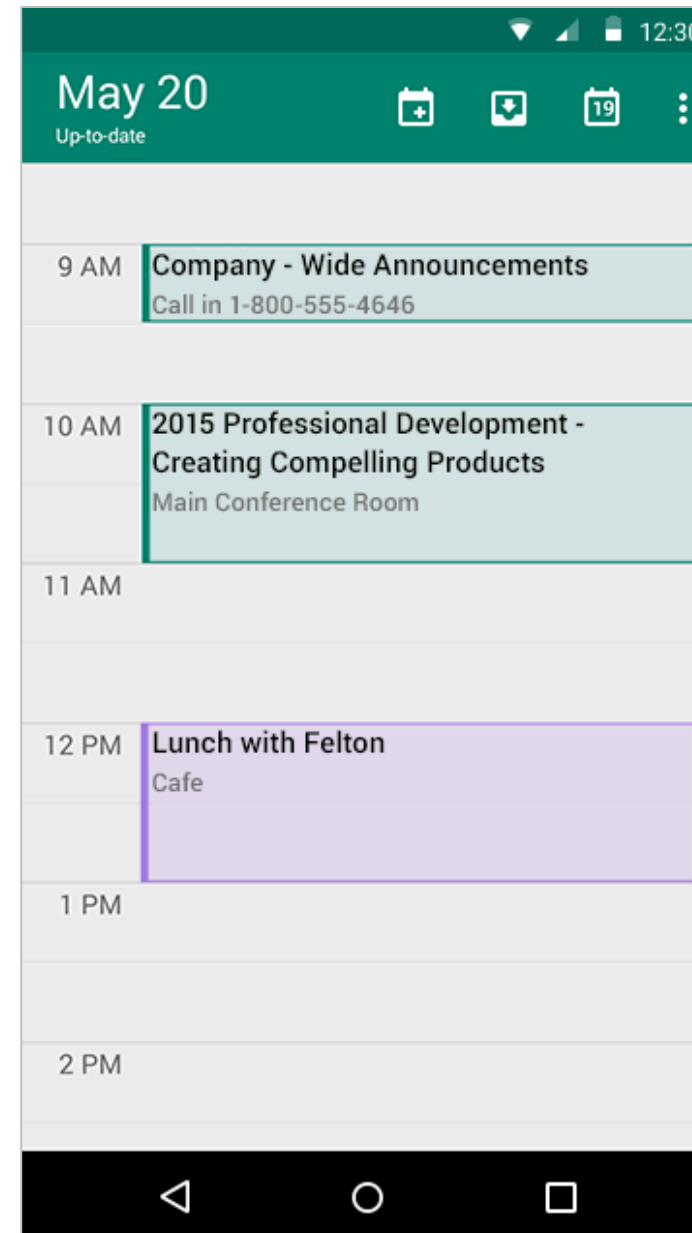
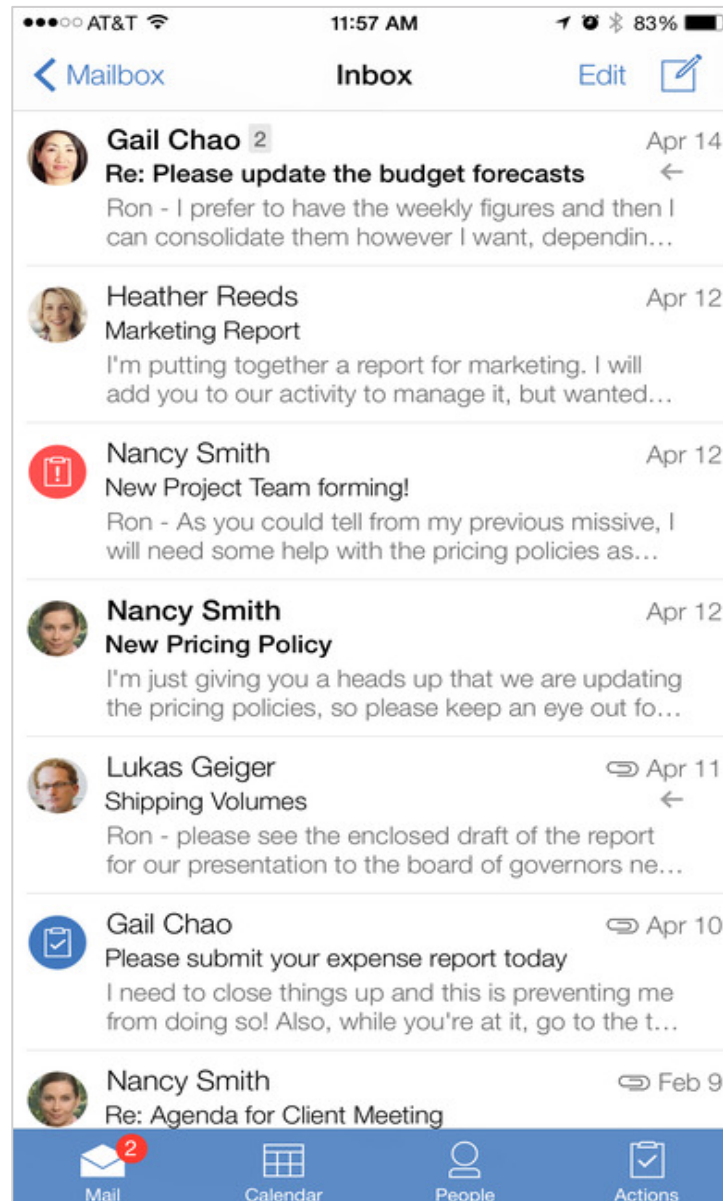


- Supported without IBM Connections 5.5 (or later) – Files / Profiles are required (on-premises) for full experience
- Domino 9.0.1 at latest Fix Pack level - Fix Pack 7
- Mail-file design must be at Domino 9.0 level (can be customized as long as standard fields etc. are unmodified).

# IBM provides Verse Mobile for iOS and Android

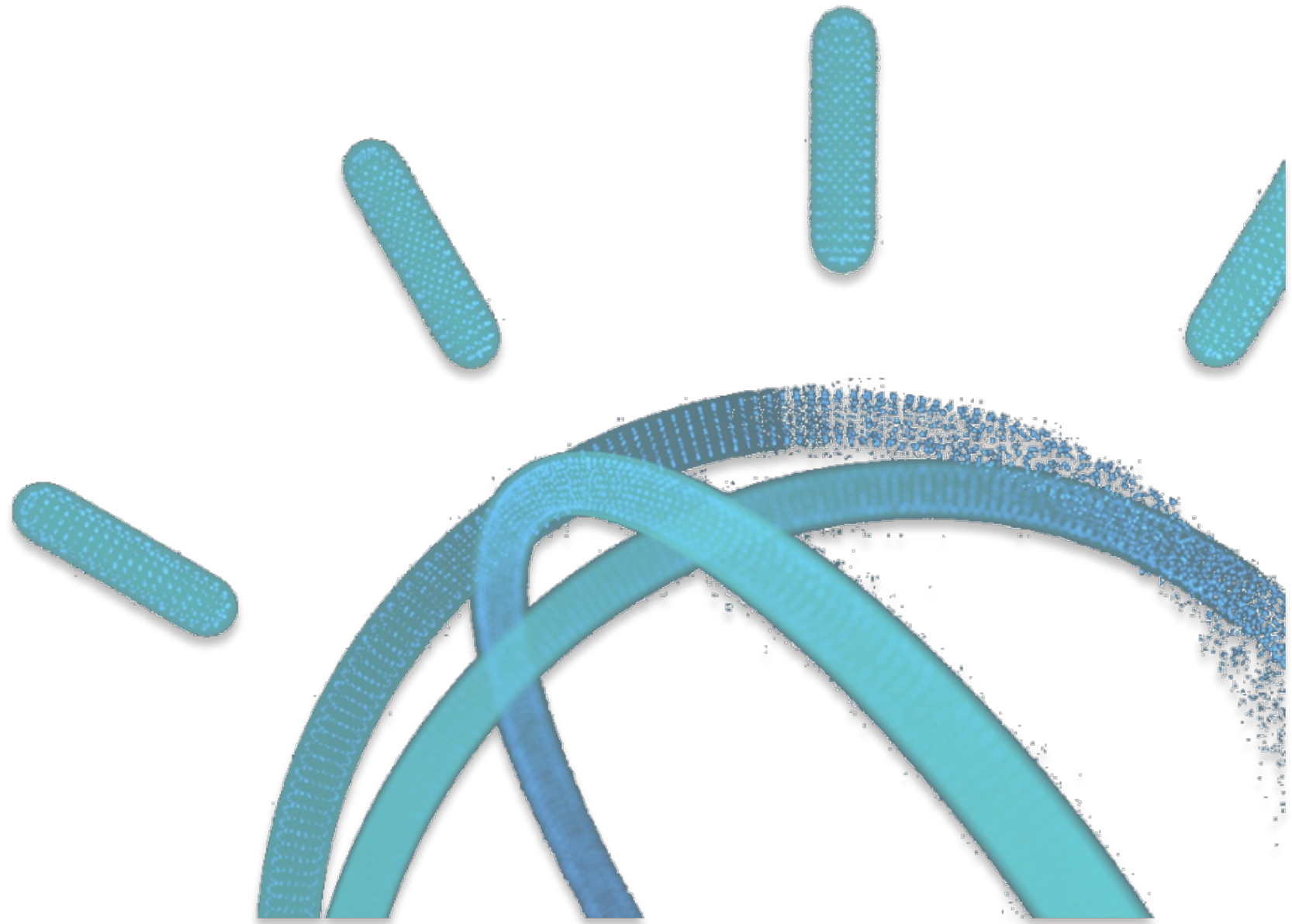


IBM Verse Mobile provides access to your mail, calendar, contacts and actions

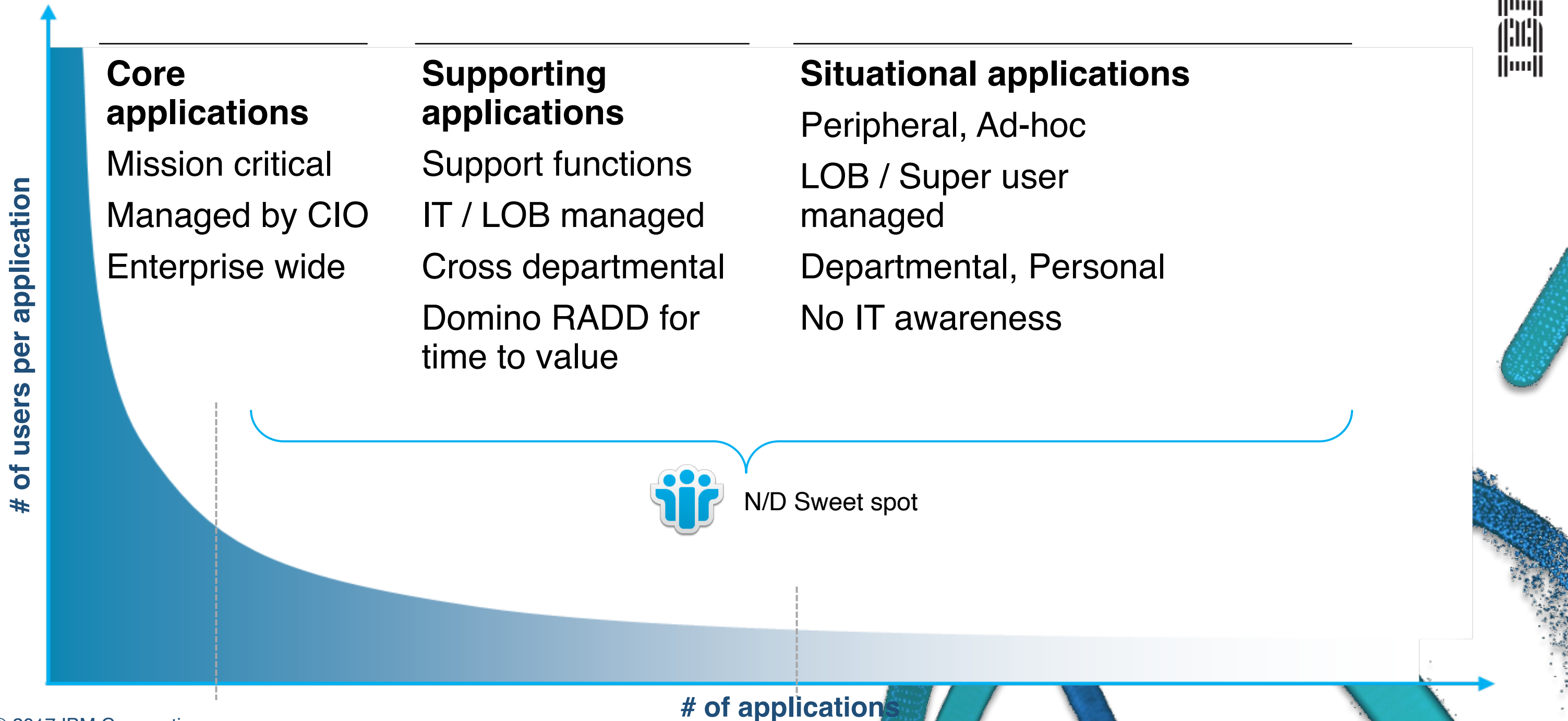




# Agile Enterprise Applications – Key role of Domino Apps

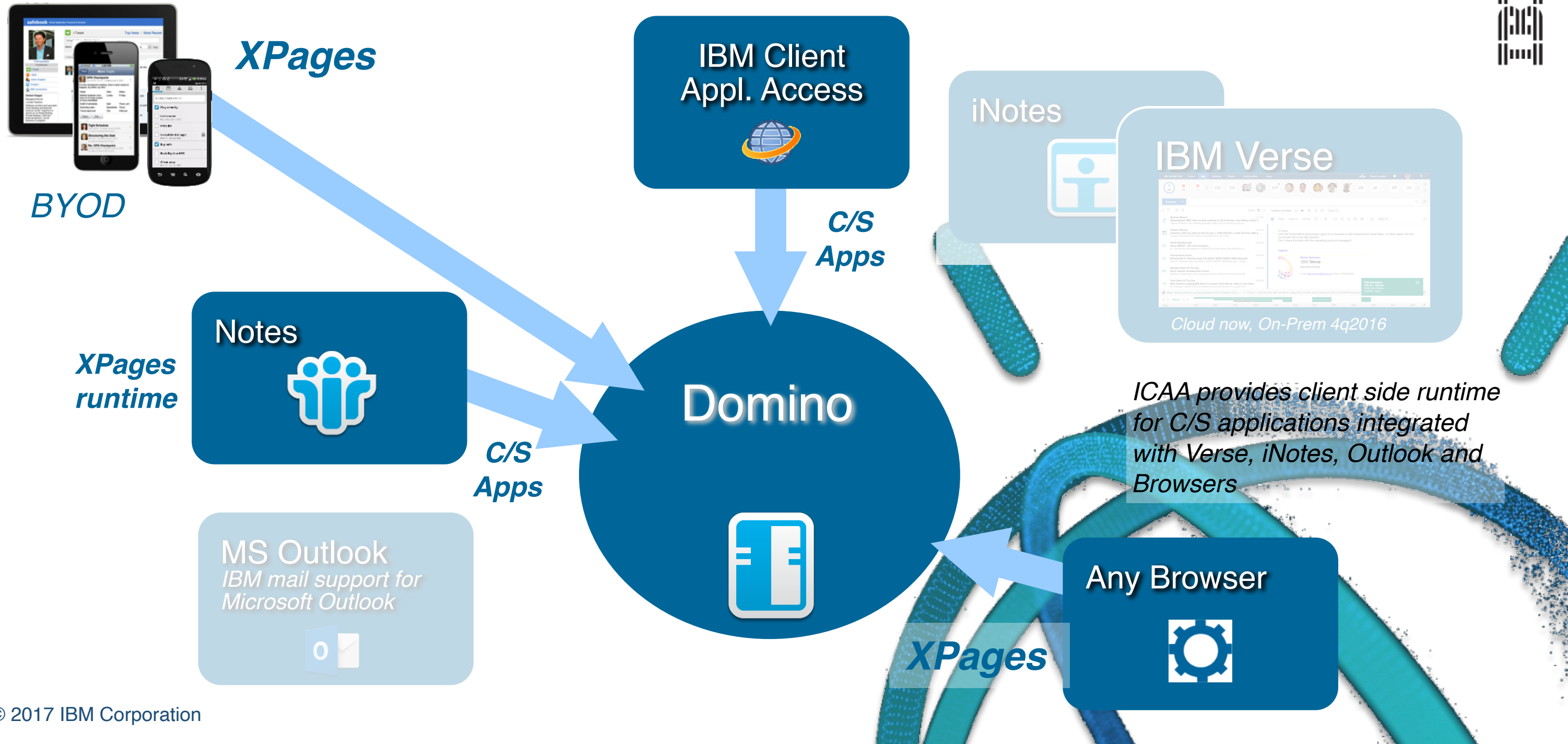


# The long tail





# Choices for Apps User Experience...



# IBM Client Application Access

## Bookmarks



Mail



Contacts

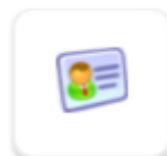
## Recent Applications



ICS BENELUX  
Demo



Toolbox-  
XPAGECHECK



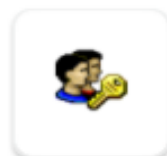
My Local  
Contacts



Domino  
Doublecheck  
Engagements



Bookmarks (6)



User Id Archive  
(All)

**Workspace**



Home

Workspace

Replication and Sync






















Replication and Sync

Stop All

Schedule

Options...

Options are for SmartCloud for Stijn Van Herzele...

Enabled	High Priority	Application ^	Last Run v	Scope	Summary v
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	 Stijn Van Herzele	14:37 Today		0 Received, 0 Sent with NALLN116/40/LLN/IBM
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	 Send outgoing mail	14:37 Today		0 Pending, 0 Sent
		 Synchronize Contacts	14:33 Today		About 1 minute remaining <div>Connecting...0%</div> <div>Stop</div>
<input checked="" type="checkbox"/>		 Synchronize Activities			Stop operation started at your request
<input type="checkbox"/>		 SVH Dbs	08:09 17/02		
<input type="checkbox"/>		 Other			
<input type="checkbox"/>	<input type="checkbox"/>	 Local free time info			
<input type="checkbox"/>	<input type="checkbox"/>	 Social Gadget Widget Catalog	02:09 EST Today		with The-Clash/Iris
<input type="checkbox"/>	<input type="checkbox"/>	 SA9 Update – Lessons	09:28 26/10/2015		with Server10/Servers/TLCC
<input type="checkbox"/>	<input type="checkbox"/>	 SA9 Update – Discussion	09:28 26/10/2015		with Server10/Servers/TLCC
<input type="checkbox"/>		 Application templates (NTFs)			

1 applications in progress, 0 applications pending

Replicator finished sending mail at 14:37

Replication and Sync



## By embracing new technologies the Notes Designer 8.5 leads cost effective Appl. development



Forms/Views /Agents  
LotusScript®/Formulas

HTML  
Java™ / Eclipse™ / J2EE  
C++ / .NET  
Relational Datastores  
Web Services  
Portlets

### **“Traditional” Skills**

long lived but steeper  
learning curve



**XPages  
Composite Apps**

### **“Emergent” Skills**

easier to acquire but  
longevity not  
guaranteed

RESTful APIs  
HTML 5 / Javascript  
Feeds  
DoJo  
Communities  
Cloud Services  
Gadgets and Widgets

### **Our primary developer focus**

#### **Situational Developers**

- Scripting is key
- Visual tooling for Data and UI
- Rapid prototyping
- Leverage shared assets
- Complimentary visual tooling
- “Need it now” vs “Strategic”

#### **Solution Providers**

- Collaboration features extended to custom solutions
- CRM, data collection, workflow are historically strong
- Enterprise Desktops that integrate and optimize, even across disparate apps and tech.



# xPages...



The screenshot shows a web browser displaying the 'Discussion 2.0' application. The interface includes a top navigation bar with the IBM logo, a search bar, and a 'Welcome Anonymous | Logout' link. A left sidebar contains navigation links for 'All Documents', 'By Most Recent', 'By Author', 'By Category', and 'My Documents'. The main content area lists documents with titles like 'Proxy container custom control degrades performance' and 'JAR File Information'. Callouts highlight various features: 'Custom Branding' points to the IBM logo; 'Styles Themes' points to the top bar; 'Improved usability' points to the document list; 'Faster Navigation' points to the sidebar; and 'Add your own copyright' points to the footer. A list of features is also shown in a callout on the right.

Custom Branding

Styles Themes

Improved usability

- XPage showcase
- Compelling U/I
- Quick to Customize
- Easy to Deploy

Faster Navigation

Add your own copyright

*Domino 8.5 Web Apps: the Web has never looked better*

## Rapid Web and Mobile Application Development Platform

### IBM Domino Designer and IBM Domino

#### Free IBM Domino Designer

IBM Domino Designer, an extension of the Eclipse IDE, is the tool to rapidly develop XPages applications.

IBM Domino Designer is free!

[Download Free IBM Domino Designer](#)

#### IBM Domino Evaluation Version

In order to run XPages applications in a production environment an IBM Domino server is required.

There is a 90 day evaluation version available.

[Download IBM Domino server evaluation](#)

#### Purchase IBM Domino

In order to run XPages applications in a production environment an IBM Domino server is required.

Choose your country below to find about pricing.

[See here for more information](#)

### First OpenNTF Development Contest

The OpenNTF Alliance hosted an XPages development contest sponsored by IBM Business Partner We4IT.

This page contains short descriptions, screenshots and mini videos of (some of) the submitted controls in no particular order. [Watch all controls in this 720p video.](#)

[Find out more about the first development contest.](#)

### Captcha Control



Screenshots

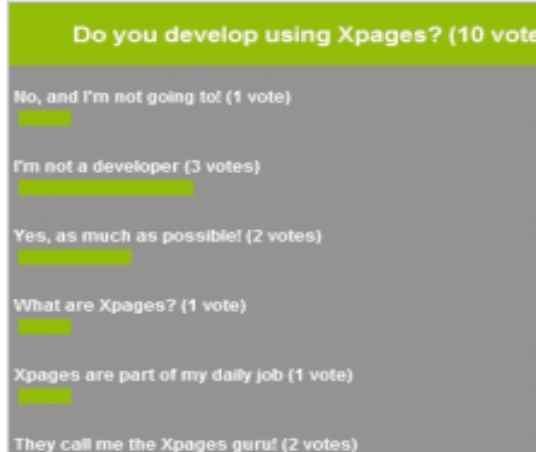


Videos  
avi, swf, mov

By: **Ferry Kranenburg**

This customizable Captcha control helps preventing spam comments on public web sites by enforcing users to enter a dynamically generated code before submitting their comments.

### Poll Control



Screenshots



Videos  
avi, swf, mov

By: **Ferry Kranenburg**

Customizable custom control where your users can vote on your question.

### Twitter

#### Tweets



 **OpenNTF** @openntf 4 Oct  
OpenNTF elections results, congrats to those elected and thanks to those who ran or are standing down  
[openntf.org/main.nsf/blog....](#)  


 **OpenNTF** @openntf 27 Sep  
Contributor elections, congrats to @paidi\_ed and @XPageDeveloper , a further round of voting required for third  
[openntf.org/main.nsf/blog....](#)  


 **Shahidoon Software** @ShahidoonSoft 26 Sep  
@openntf xPages ACL Manager (MultiApp) Launched Successfully.  
[openntf.org/main.nsf/proje...](#)  
[youtube.com/watch?v=YsBaDa..](#)  
Retweeted by OpenNTF

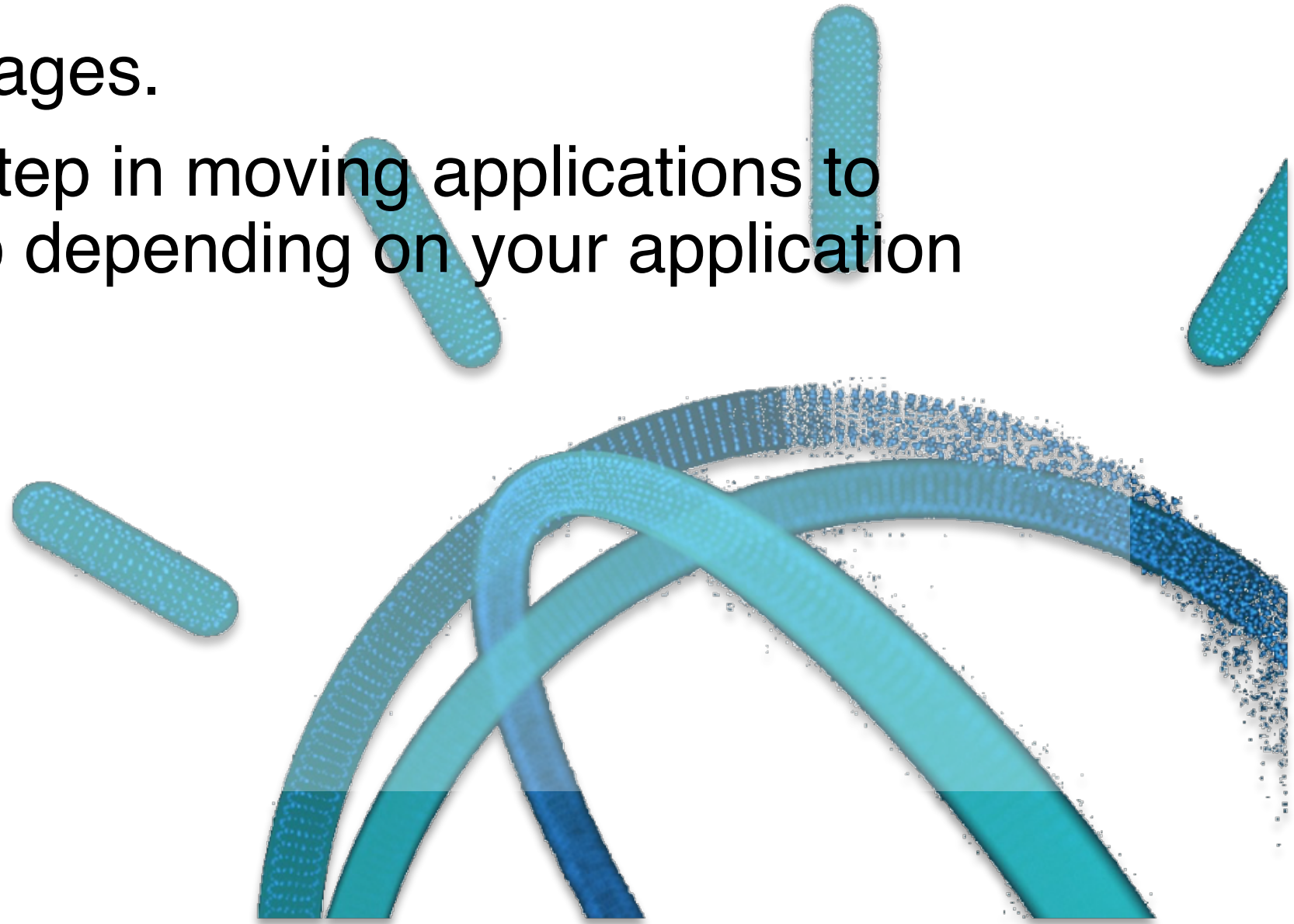
Tweet to @openntf



# ICAA & xPages...



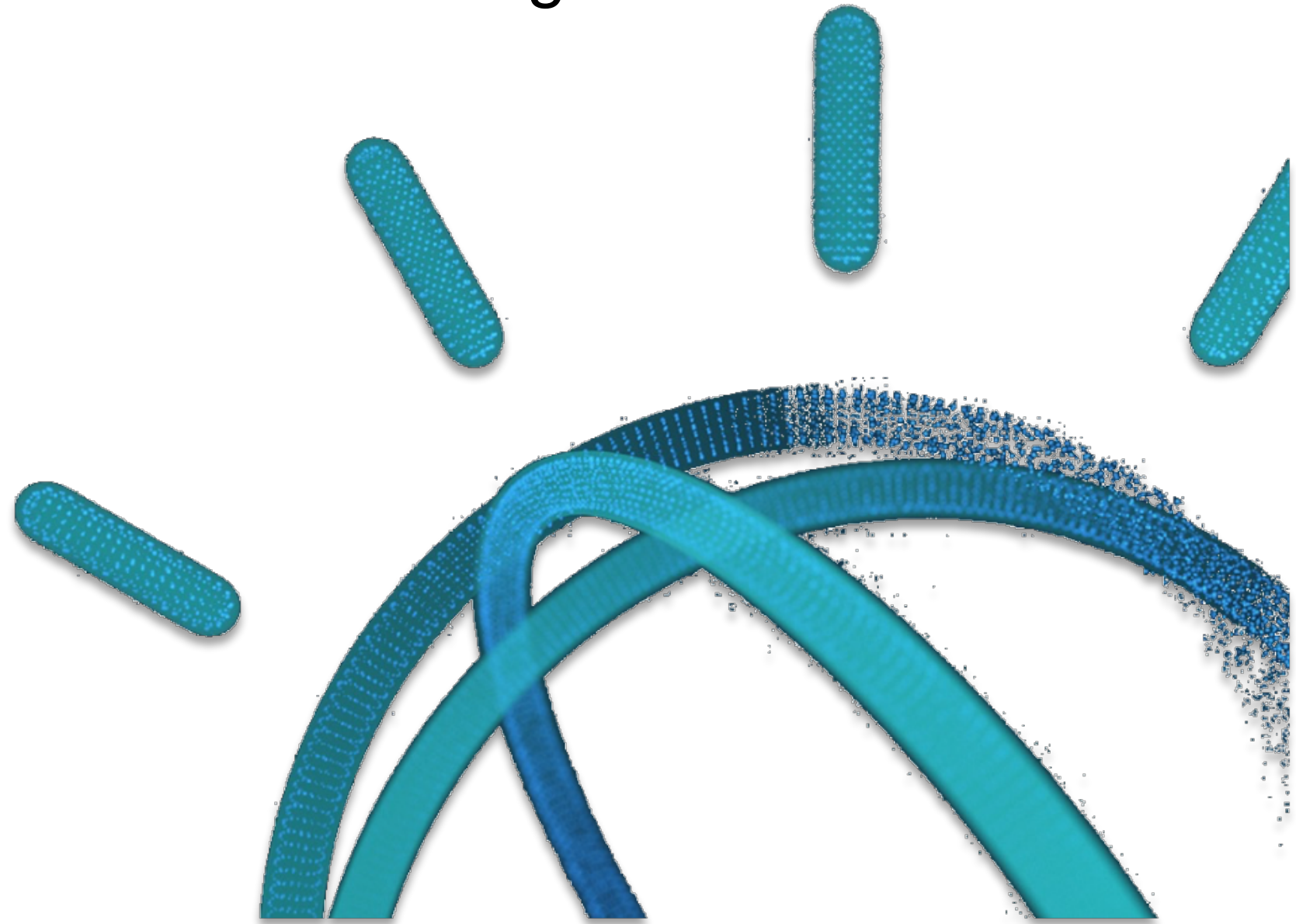
- With a xPages application you do not need ICAA.
- With ICAA you do not need xPages.
- ICAA can be an intermediate step in moving applications to xPages or could be a final step depending on your application development needs.



# Domino Optimization Strategy...



- IBM Domino Doublecheck with iDNA from Panagenda.  
(aka IDD).

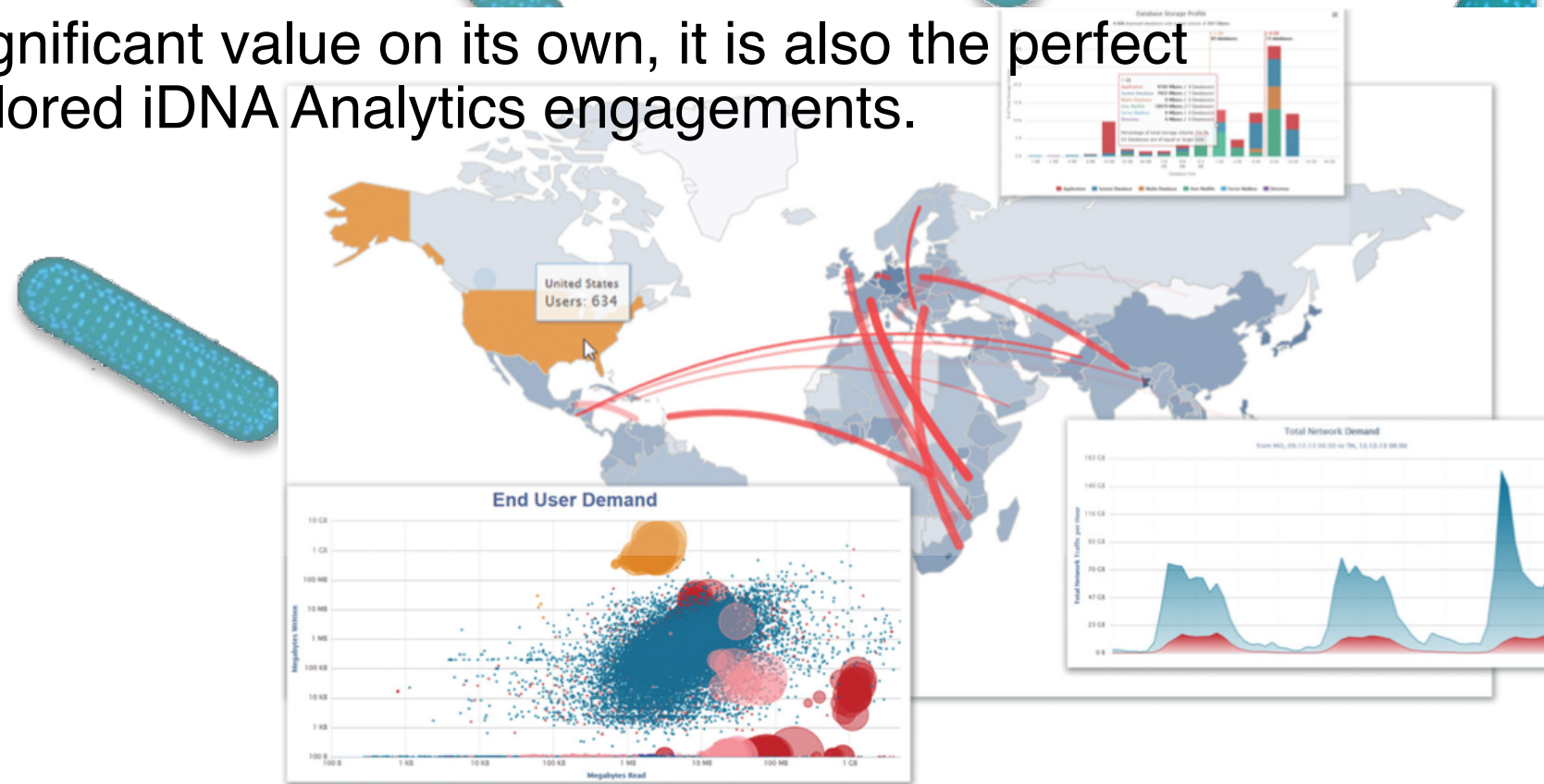




# What is iDNA?



- iDNA is a **virtual appliance**, which collects various infrastructure information and collates it into meaningful data for use by IT departments and management. These environment reports allow you to see which applications are being actively used, which servers are barely used or not used at all, what end-user usage patterns are like, when load peaks occur, and much more.
- Analysis results are possible for – but not limited to – virtually any question pertaining to IBM Notes client traffic, IBM Domino servers and application usage.
- While iDNA Foundation already provides significant value on its own, it is also the perfect starting point for a wide range of custom tailored iDNA Analytics engagements.



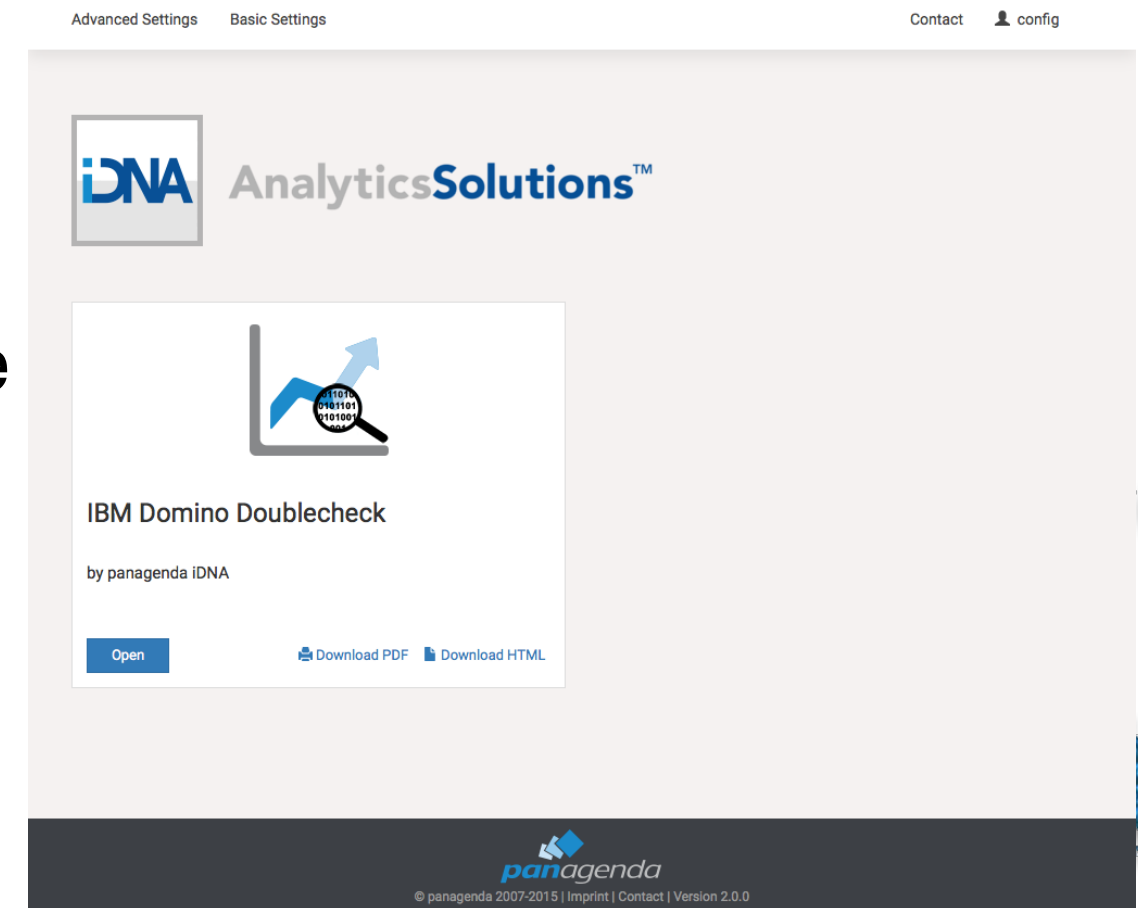
# How will the iDNA appliance be put in place cont.



- IBM specialist will configure the appliance and run **Domino Server Discovery** within the customer environment
  - Details can be found in the **iDNA Quick Start Guide**
- IBM specialist request license for client using the Doublecheck Engagement database
  - License file contains the customer Domino Server Certifier names (/O=IBM)
- The license file is attached to the Doublecheck engagement document and can be downloaded by the IBM specialist
  - iDNA.lic is the iDNA license file. Place it in a folder on the local hard drive of the machine where configuration will be done from.  
This file will be uploaded to the virtual appliance using a browser during the configuration.

# Analysis result

- Click the Portal link to open the front page of the reports.
- There are three reports available
  - The “live” report. This requires the appliance
  - Offline report in PDF format
  - Offline report in HTML format







# Analysis Result

**IBM Domino Doublecheck**  
by panagenda iDNA

**Acme Corporation**

**Report Scope:**

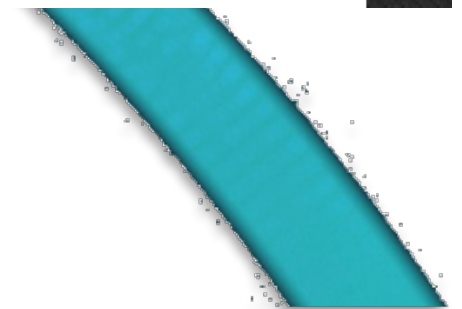
September 14, 2015 to September 20, 2015  
Showing 12 analyzed servers.

**Source:**

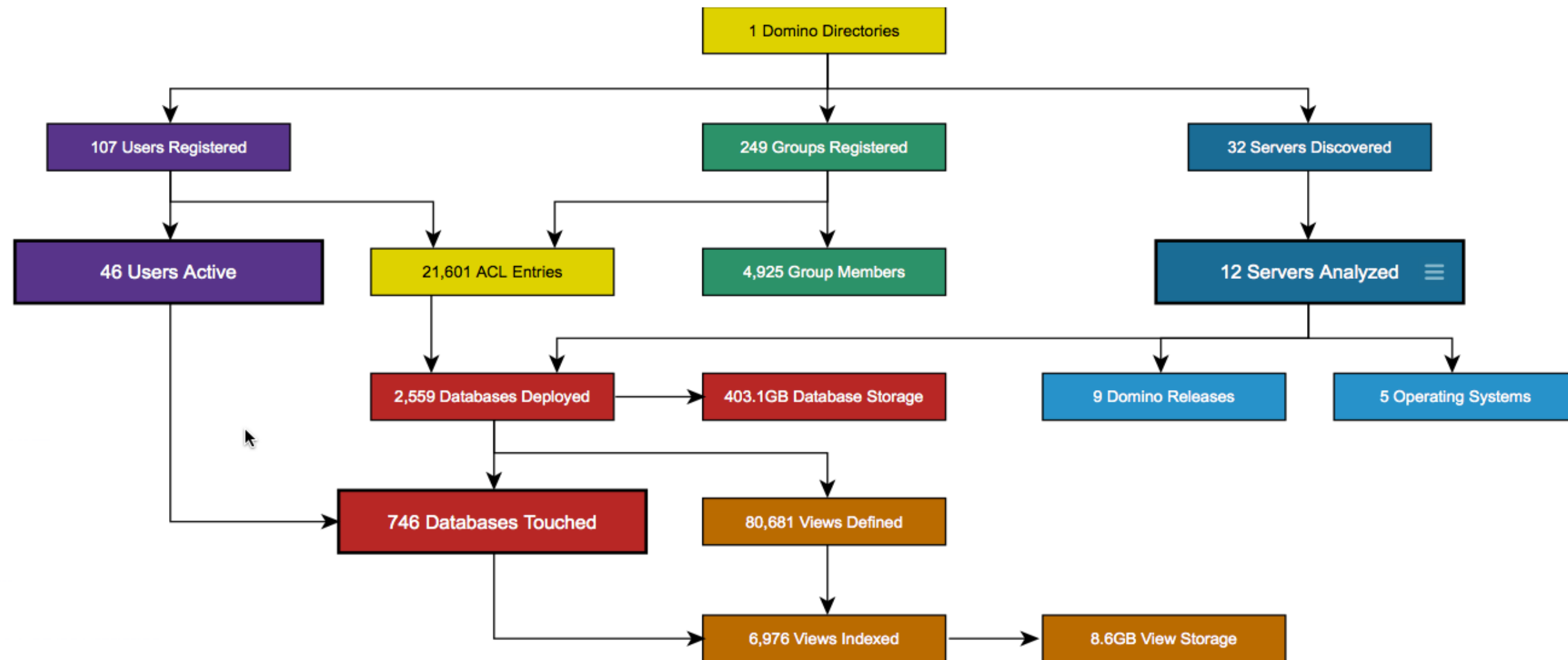
- Domino Log Databases
- Domino Names & Address Books
- Domino Database Catalogs
- Domino Server Statistics

Report for user config created on October 5, 2015 11:47 AM.

Ongoing	<ul style="list-style-type: none"><li>• See more than one week</li><li>• Architectural and strategic decision making</li><li>• Management information</li></ul>
HR & Geo	<ul style="list-style-type: none"><li>• Usage by department, location, country or region</li><li>• Collaboration clusters</li><li>• Cloud and consolidation</li></ul>
Email	<ul style="list-style-type: none"><li>• Internal and external communication flow</li><li>• Mobile usage insight</li></ul>
Applications	<ul style="list-style-type: none"><li>• Complexity, interfaces and dependencies</li><li>• Support modernization</li><li>• Application Registry</li></ul>
More	<ul style="list-style-type: none"><li>• IBM Notes clients</li><li>• Security and audits</li><li>• End-to-End monitoring</li></ul>

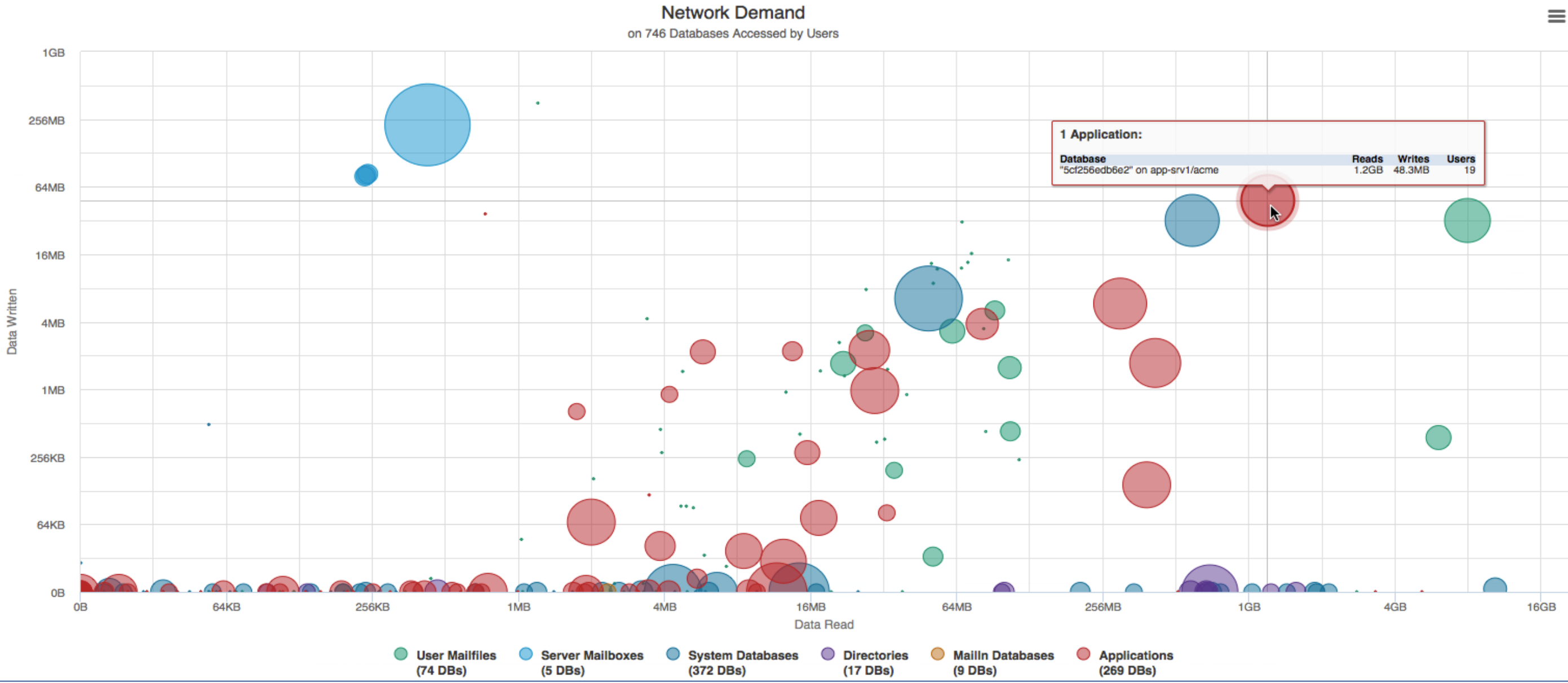


# Domino Environment Overview



- **Database sizes** throughout this report represent logical size. The physical size of databases may vary between servers, depending on whether DAOS is enabled or not.

# Database Usage Overview





# Servers Utilization Ranking



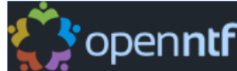
Server	Sessions	Bytes to Client	Bytes to Server	Document Reads	Document Writes	Transactions	Max. Session Concurrency	iDNA Impact Score
1. mail-app-srv-main/acme	142.6K	62.2GB	2.9GB	7.9M	200.3K	15.7M	220	Moderate
2. app-srv2/acme	18.3K	12.4GB	421.7MB	2.4M	4.1K	7.5M	7	Light
3. mail-app-srv-bkp/acme	30.5K	3.5GB	1.1GB	107.0K	2.6K	1.1M	13	Light
4. app-srv1/acme	23.9K	5.8GB	302.3MB	628.8K	6.9K	2.2M	14	Light
5. quickr-srv/acme	29.1K	3.4GB	102.8MB	66.8K	382	599.0K	9	Light
6. blackberry-srv1/acme	19.5K	2.1GB	29.8MB	46.2K	44	351.7K	7	Light
7. traveler-srv1/acme	17.7K	1.4GB	40.2MB	42.0K	65	348.2K	6	Light
8. traveler-srv2/acme-dev	9.1K	983.5MB	85.9MB	24.9K	41	212.7K	4	Light
9. test-srv1/acme-dev	17.3K	1.5GB	28.1MB	44.4K	-	346.0K	5	Light
10. test-srv2/acme	7.0K	476.5MB	13.6MB	69.4K	-	218.4K	7	Light
11. test-srv3/acme-dev	6.7K	113.3MB	11.3MB	19.7K	-	156.0K	5	Light
12. traveler-srv3/acme	12	2.6MB	185.5KB	84	118	991	5	Light

Light Servers (11)
Moderate Server (1)
Intensive Servers (None)
Extreme Servers (None)
Excessive Servers (None)

# Domino Application Strategy – Leave no-one behind



## 1. Enable modern app.dev tools, wider adoption & integration with stronger Domino platform:

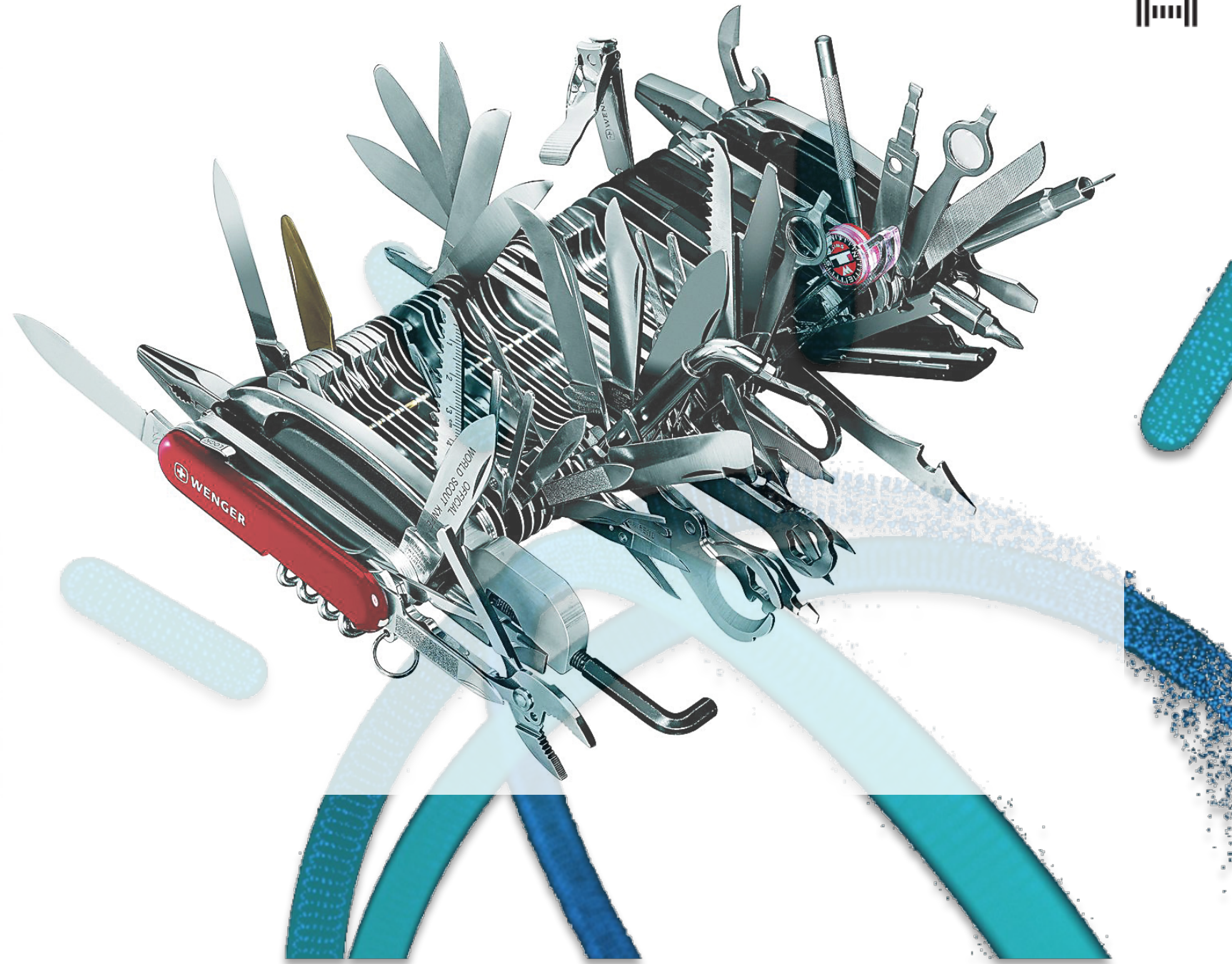
- On-going upgrade of platform component currency
- IBM is investing in new REST APIs and enhancing current APIs to broaden the skill base
  - Mail, Calendar, Freebusy and Data will be extended to better meet developer needs
  - Add APIs for Directory, Contacts, Mail Search, Subscription and Management
- Using SmartNSF  to expose appl embedded business logic to web & mobile via REST APIs
- IBM intends to make REST APIs usable from modern tools (ex. Swagger)
  - REST APIs that are easy to consume by developers!
  - Publish OpenAPI specs of all REST APIs via Github
  - Videos and sample code to help you get started!

## 2. Protect the value of critical business apps written in Domino by:

- Understanding the environment utilizing  ApplicationInsights for all current Domino customers
- Modifying / Extending applications by providing customers starting points
  - With Premier Partners, such as   
  - Using the expanded Domino REST Services and the new Open API specification



# Developer Toolbox vs. Domino Designer:





# xPages & Rest API...



- For xPages development you use the Domino Designer.
- To use the “Rest API”, you can use your own development tools. More freedom of choice.
- Within a xPages you can also call this “Rest API”.



# SmartNSF



“Turn your Notes / Domino Application into a microservice and expose embedded business logic via REST API within minutes.”

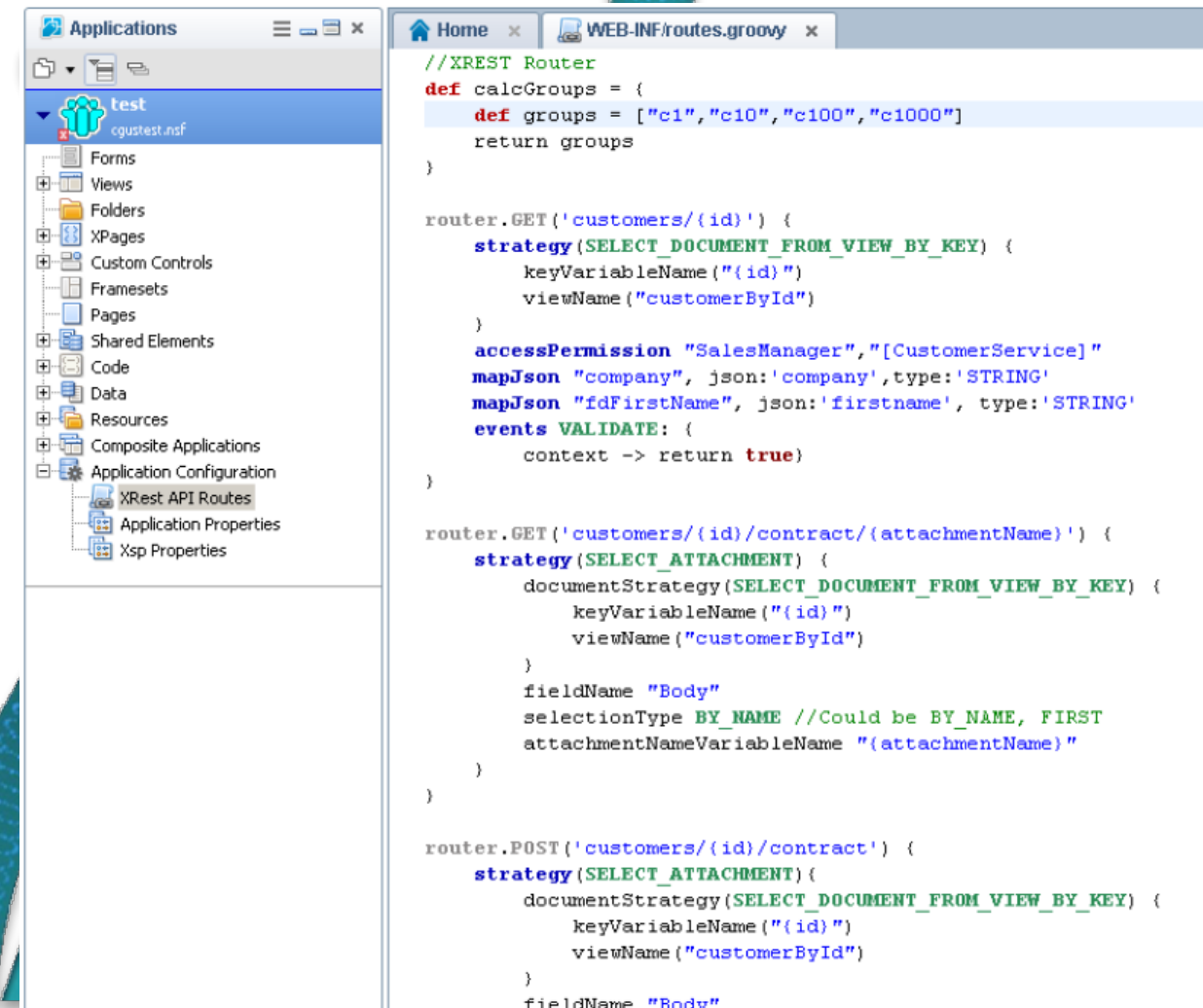
- Integrated in Domino Designer, easy to configure and easy to use
  - Developer defines a microservice for the application with domain-specific language
  - Available on OpenNTF  
(will be integrated in ExtLibX, also candidate for FP9)
- <https://www.openntf.org/main.nsf/project.xsp?r=project/SmartNSF>

## What's next?

- Auto-generate Swagger definitions for your application's APIs.
- Dialog based generation of REST APIs for your applications.



Compliments of Christian Güdemann



# Define all REST services via OpenAPI Specification:



## busytime : Get busy time

GET /api/freebusy/busytime

## freerooms : Get a list of available rooms

GET /api/freebusy/freerooms

### Implementation Notes

Gets a list of available rooms for a given time.

### Response Class (Status 200)

Successful response

Model Example Value

```
{
  "rooms": [
    {
      "displayName": "string",
      "distinguishedName": "string",
      "email": "string",
      "capacity": 0
    }
  ]
}
```

Response Content Type

### Parameters

Parameter	Value	Description
site	<input type="text" value="(required)"/>	The site to search. If the site includes spaces or other special characters, it must be URL encoded.
start	<input type="text" value="(required)"/>	The start date for the free rooms search.
end	<input type="text" value="(required)"/>	The end date for the free rooms search.

- IBM intends to publish YAML definitions according to the OpenAPI specification for all REST services
- Allows for easier integration with 3<sup>rd</sup> party tools
- Freebusy service definition already available

Show/Hide | List Operations | Expand Oper

```
File Preferences Generate Server
1 #
2 # (c) Copyright IBM Corp. 2017
3 #
4 # Licensed under the Apache License, V
5 # you may not use this file except in
6 # You may obtain a copy of the License
7 #
8 # http://www.apache.org/licenses/LICEN
9 #
10 # Unless required by applicable law or
11 # you may not use this file except in
12 # You may obtain a copy of the License
13 #
14 # http://www.apache.org/licenses/LICEN
15 #
16 #
17 #
18 #
19 # Document metadata
20 info:
21   title: IBM Domino Freebusy API
22   version: "9.0.1"
23   description: |
24     The freebusy API is used to:
25     - Get busy time for a given person
26     - Get a list of available rooms for
27     - Get a list of sites in a director
28 # Tags
29 tags:
30 - name: busytime
31   description: Get busy time
32 - name: freerooms
33   description: Get a list of available
34 - name: sites
35   description: Get a list of sites
36 # Paths
37 paths:
38 # Busy time resource
39 /api/freebusy/busytime:
40 # This is a HTTP operation
41 get:
42 tags:
43 - "busytime"
44 # Describe this verb here. Note: you can use markdown
45 description: |
46 Gets busy time for a given person or room.
```

```
info:
  title: IBM Domino Freebusy API
  version: "9.0.1"
  description: |
    The freebusy API is used to:
    - Get busy time for a given person or room.
    - Get a list of available rooms for a given time.
    - Get a list of sites in a directory.
  # Tags
  tags:
    - name: busytime
      description: Get busy time
    - name: freerooms
      description: Get a list of available rooms
    - name: sites
      description: Get a list of sites
  # Paths
  paths:
    # Busy time resource
    /api/freebusy/busytime:
      # This is a HTTP operation
      get:
        tags:
          - "busytime"
        # Describe this verb here. Note: you can use markdown
        description: |
          Gets busy time for a given person or room.
        # This is array of GET operation parameters:
        parameters:
          # An example parameter that is in query and is required
          -
            name: name
            in: query
            description: Name or email address of the person (or room).
            required: true
            type: string
          -
            name: format
```



# Modernizing Notes / Domino Applications



# Path to refresh your apps...



**Analyze** what apps are most valuable to your business.

Use **enhanced APIs** and / or **partner tools** to simplify and refresh Domino apps.

Notes / Domino will be continuously **updated** so apps run smoothly and are easy to maintain.



# Analyze your applications

A background image showing a person's hands typing on a laptop keyboard. On the desk, there is a cup of coffee with a leaf design, a pair of glasses, a small vase with purple flowers, and some papers. The scene is softly lit, suggesting a calm work environment.

How much are  
they used?

Who uses  
them?

How complex  
are they?

Are there mail  
dependencies?

Which views  
are used in an  
application?



# ApplicationInsights powered by

Transforms Domino application usage and design complexity metrics into actionable data to help build the path towards application modernization

**Determine** which applications are **used** most in your organization

**Determine** which applications are the most **complex** in your organization

**Analyze** your most complex applications with **code analysis**

Intended to be available Q2 2017 it will be available for customers on S&S

- Shows the 50 most used and most complex application instances and does code analysis on a subset of those
- Full Insights available in packages of 500 instances

Various options to navigate database Inventory, Usage and Design

Total number of database instances (mail, system, nab, mail-in & apps)

Focus databases are all mail-in and application instances

Total number of unique designs for focus dbs

100% if all Focus Dbs covered through value packages

Total number of person documents in Notes Name and Address book/Directory Assistance



## OVERVIEW

### Status Dashboard

Environment Overview

## CATALOG

Inventory History

Capacity Summary

Application List

## USAGE

Web vs. Client Usage

Notes Client Usage

Web Browser Usage

User Access Methods

## DESIGN

Complexity

Similarity

Insights



© panagenda 2007-2017

Imprint | Contact | Version 1.0.1

PROFESSIONAL

Overview / Status Dashboard

## Status Dashboard

115k

DB Instances  
Discovered

48%

Databases Used  
in Last 90 Days

14k

Focus DBs  
Identified

76%

Focus DBs Used  
in Last 90 Days

8.2k

Unique Designs  
in Focus DBs

100%

Complexity  
Analysis Done

5%

Design Insights  
Available

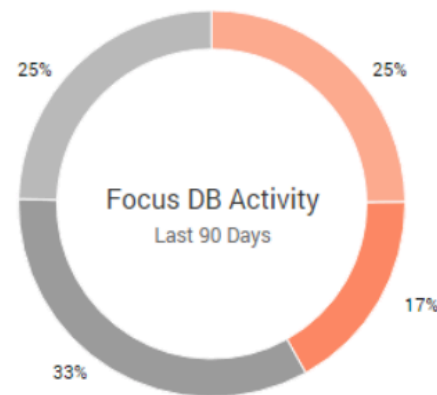
Upsell

55k

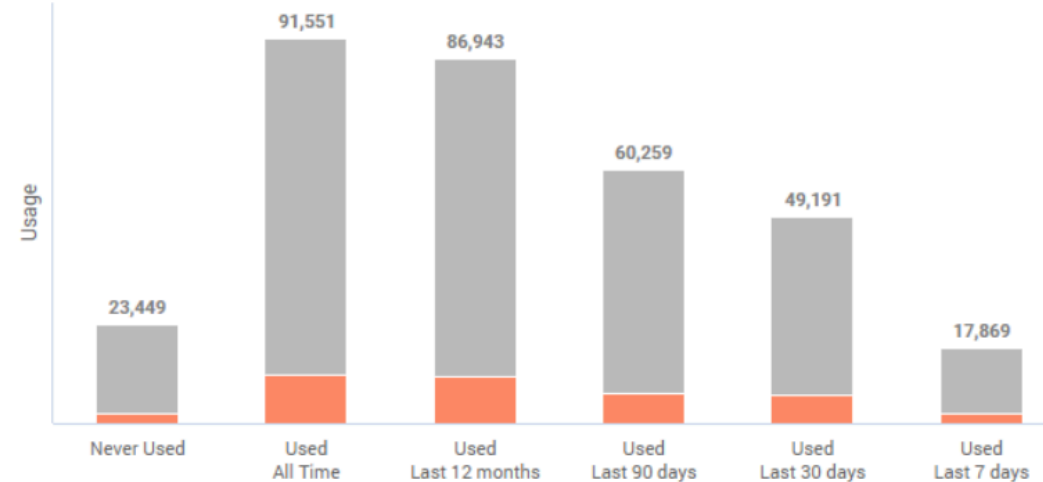
Users  
Registered

82%

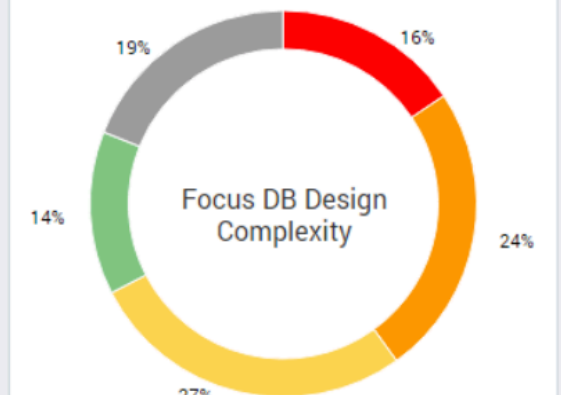
Users Active  
in Last 90 Days



Focus DBs Web Usage: 306.1k  
Focus DBs Client Usage: 210.2k  
Other DBs Client Usage: 412.1k  
Other DBs Web Usage: 302.9k



Focus DBs  
Other Types



Severe: 2.2k  
High: 3.4k  
Moderate: 3.8k  
Low: 1.9k  
Insignificant: 2.7k

Various columns for investigating and sorting application landscape

Filtering of Focus databases

Different column sets

Complexity rating

OVERVIEW

Status Dashboard

Environment Overview

CATALOG

Inventory History

Capacity Summary

Application List

USAGE

Web vs. Client Usage

Notes Client Usage

Web Browser Usage


User Access Methods

DESIGN

Complexity

Similarity

Insights



© panagenda 2007-2017  
Imprint | Contact | Version 1.0.1  
PROFESSIONAL

Application Catalog / Application List

Application List

Filter

Columns: Default

Title	Replica ID	Application	Last Access	Users Active	Replicas	R Inactive	Docs Avg	Size Avg	Complexity
Title	Replica ID	Database Type	Last Access	Users Active	Replicas	R Inactive	Docs Avg	Size Avg	↓ Complexity
CRM Workflows	85257E4B:003E8ECF	Application	2016-07-19	1441	12	2	8982	168MB	Severe
Process Management	C12572F2:00504865	Application	2016-11-29	1328	3	0	3098	746.3MB	Severe
Idea Exchange	4125793D:0042F261	Application	2016-06-20	1631	25	8	14132	1.1GB	Severe
Weather Predictions	85257A5B:004D5453	Application	2016-07-19	2836	7	3	921	622MB	Severe
Abi PL	8525805F:002C2966	Application	2016-11-04	24	13	0	181	129.5MB	Severe
General Discussion	C12572DA:00772C94	Application	2016-08-31	1815	6	0	6103	421MB	Severe
BuVge	C1257458:00421A38	Application	2015-06-24	2139	1	0	23540	2.4GB	Severe
Procurement Web Portal	07257909:00702B64	Application	2016-11-27	337	8	2	4843	3.8GB	Severe
Support Portal Workflow	07257909:006F8C9B	Application	2016-11-27	19	8	3	2934	64.2MB	Severe
Expert Directory	0425790B:0052119A	Application	2016-11-27	439	9	4	890	993.3MB	Severe
N2W Central (4.50)	80257998:0001328B	Application	2016-08-31	823	18	6	1039	8.3GB	Severe
Conference Journal 2012 V1	85257926:00567C05	Application	2016-11-27	2350	7	5	3381	711.5MB	High
Delivery Session Tracking	C125734A:002E1639	Application	2016-11-29	932	26	1	9830	4.2GB	High
Amber Mate Java	C125732F:004DF452	Application	2016-11-29	5	1	0	2	164.1MB	High

←

1

2

...

34

→



Refresh and extend...

**IBM**

**Partners**



# Refresh according to your needs



Create **micro apps** with Sapho builder that **notify key users** and **interface** to **key** Domino data on web/mobile devices



**Convert** your Domino apps to be accessible via web/mobile with **Aveedo builder** installed on your **Domino server**

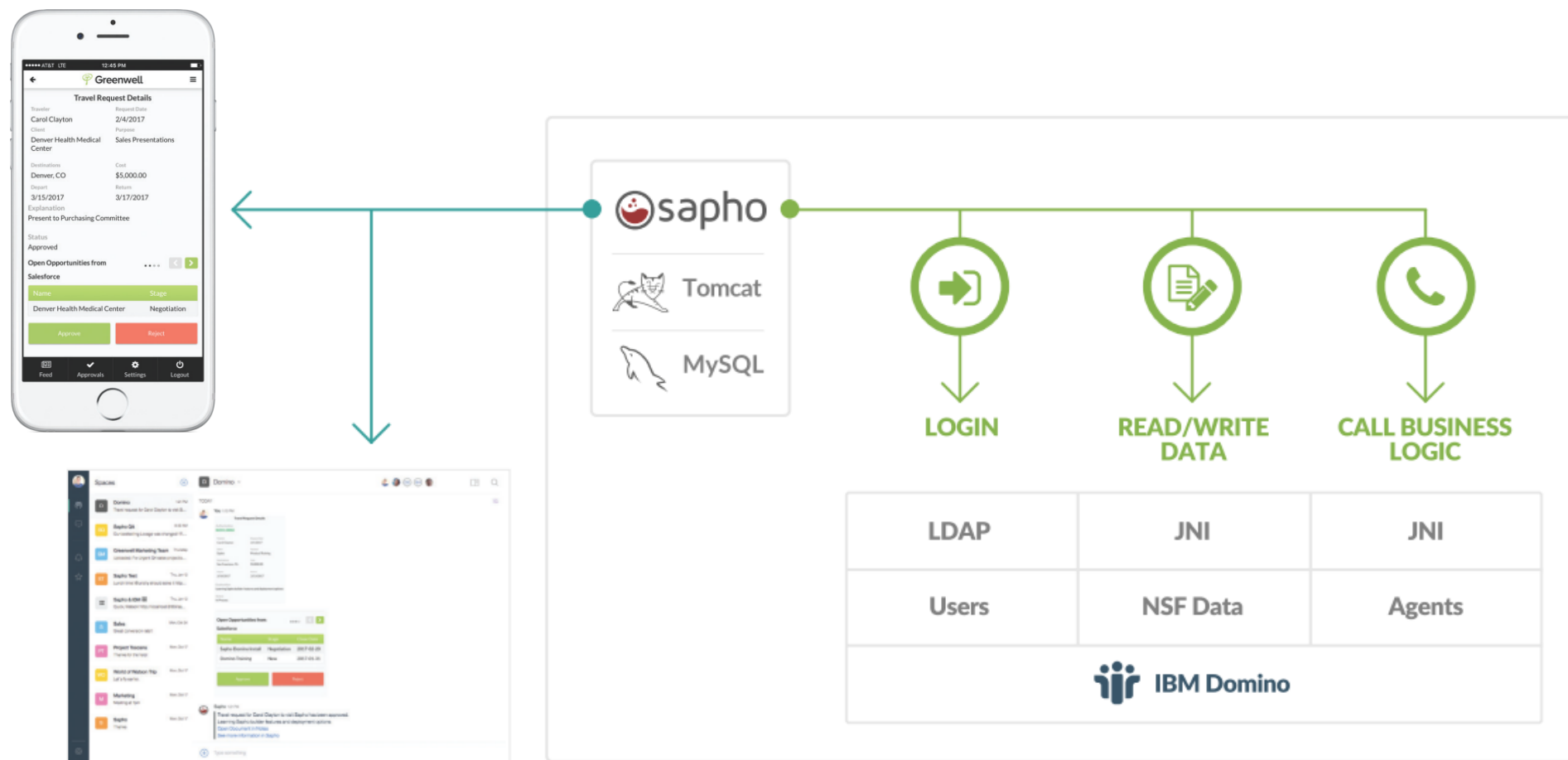


**Build mobile/web UI** with **offline replication** for Domino applications with **modern development tools**



# Create micro apps ...

Create **micro apps** with Sapho builder that **notify key users** and **interface** to **key** Domino data on web/mobile devices.



- Create simple, single purpose micro apps and workflows
- Build daily dashboard with proactive alerts from multiple Domino apps
- Integrate other data sources into Domino workflows and applications

- Configure events out of Domino based on specific trigger alerts from 3rd party systems
- Targeted search and view pre-defined information in Domino DBs

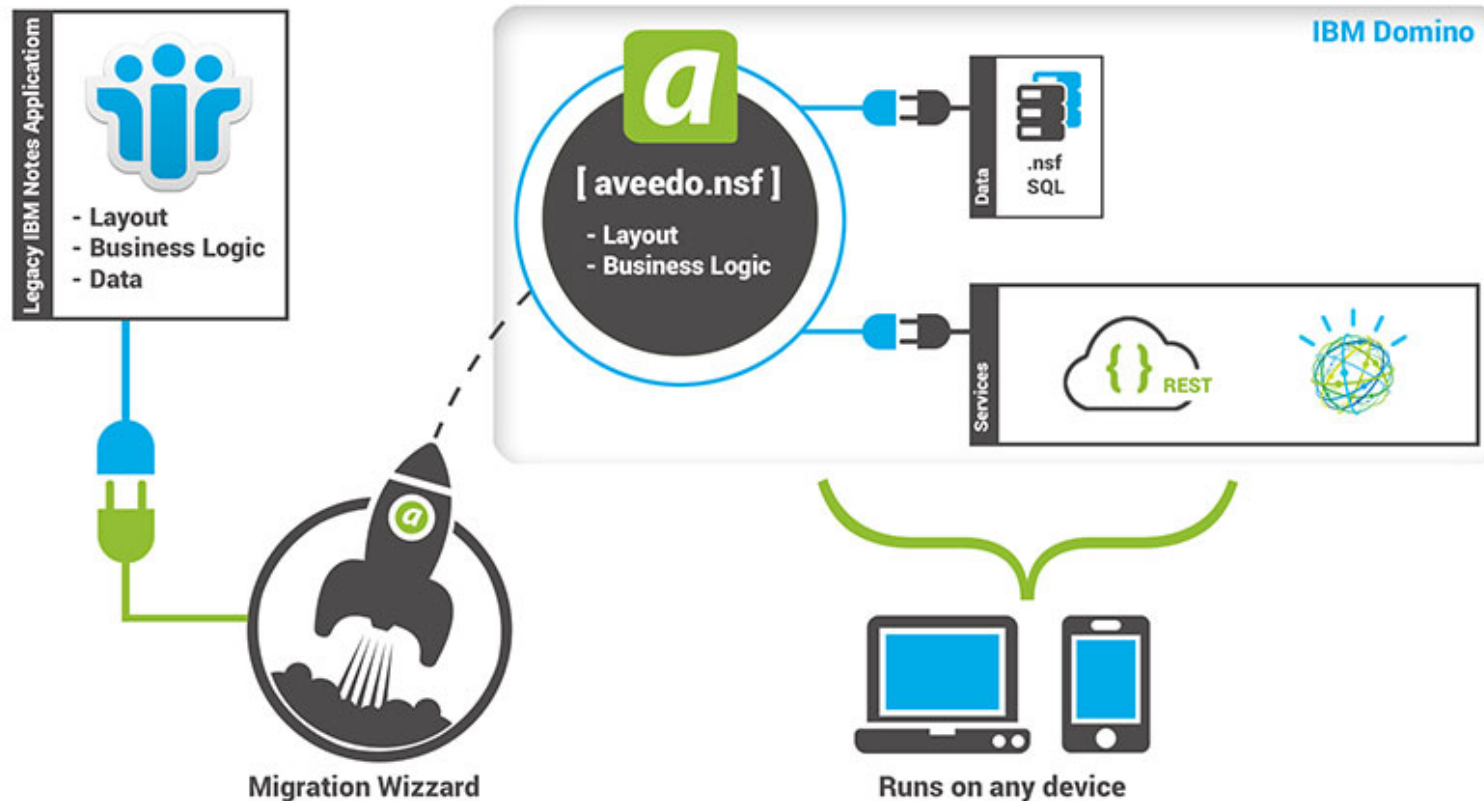




# Convert and extend for mobile/web ...



**Convert and extend** your Domino apps for web & mobile access with Aveedo Designer running **on your Domino server**.



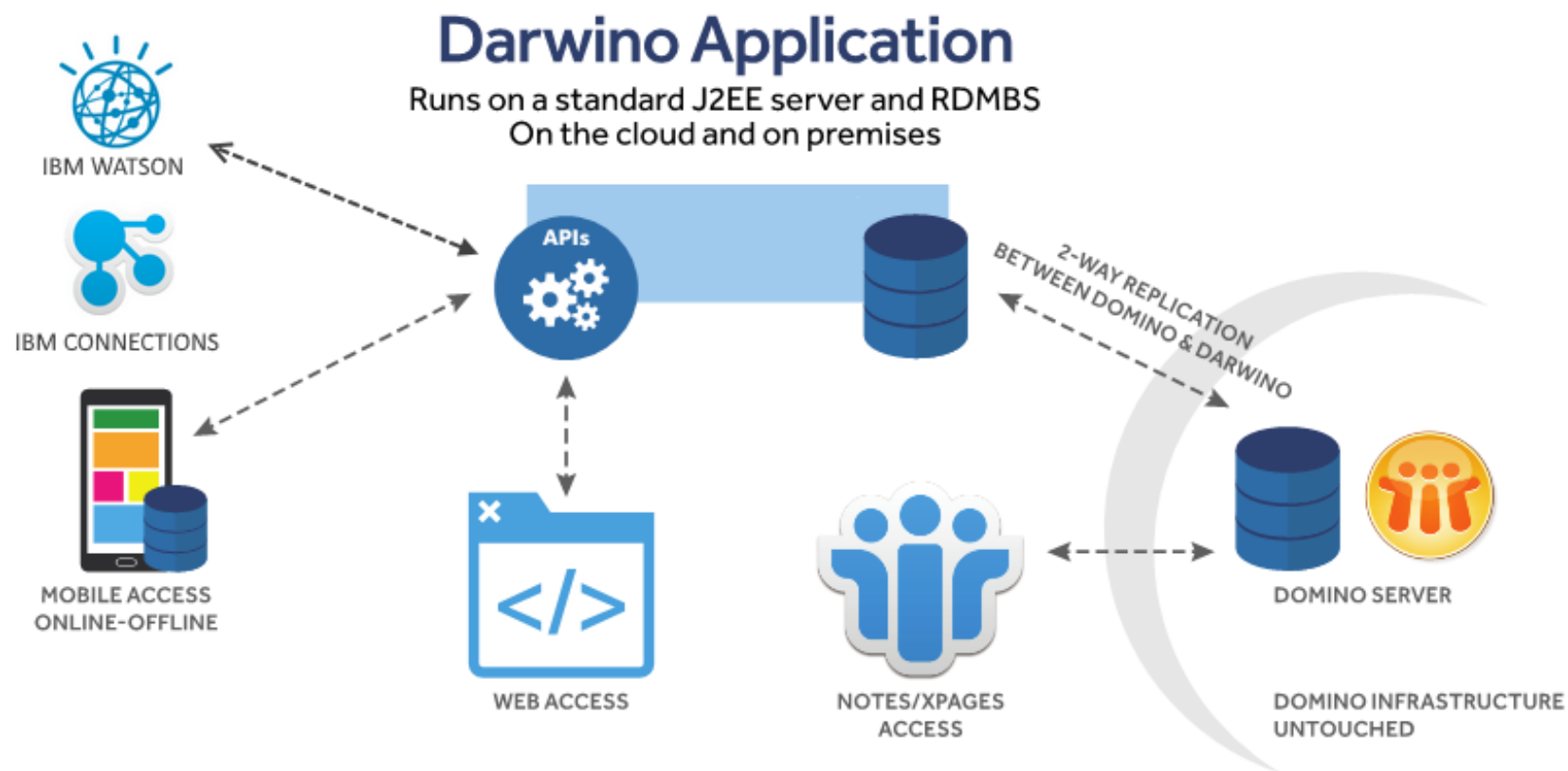
- Framework for easy creation of XPages Applications, no deep programming knowledge required
- Migration Wizard to modernize Notes applications
- Access via browser (responsive design) or native App with offline mode
- Integrated Process / Workflow Modeler

- Flexible API and REST services
- Pre-built apps and components like Agile Boards, Charting, and Office Integration included
- <http://en.aveedo.com>



# Build mobile/web UI ...

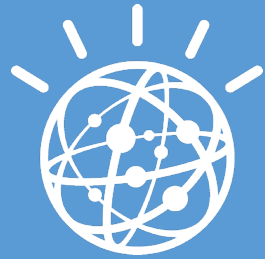
Build **mobile/web UI** with **offline** replication for Domino applications with **modern development tools of your choice**.



- Darwino DB is a NoSQL JSON store that runs on any RDBMS system and mobile devices with the same API, supports multipoint replication for offline use.
- Two-way replication with Domino maintaining security model and document centric functionality.

- Darwino Studio – The primary development environment for the Darwino platform, plugs into standard Enterprise Java tooling like Eclipse and Maven.
- Darwino API – The Darwino Platform exposes its full API via libraries in Java, Javascript and also REST services.

# Strategy...



Cognitive



Cloud



IBM Design  
Thinking



Mobile



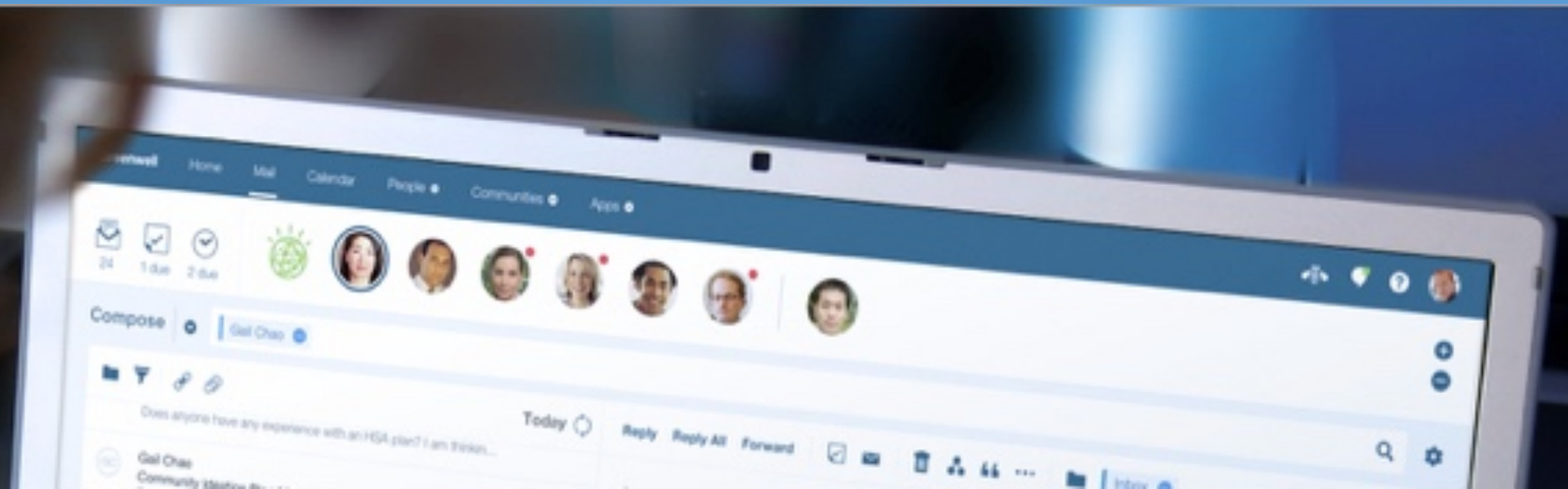
actiance™



Partnerships



Modern Agile  
Development





out

think

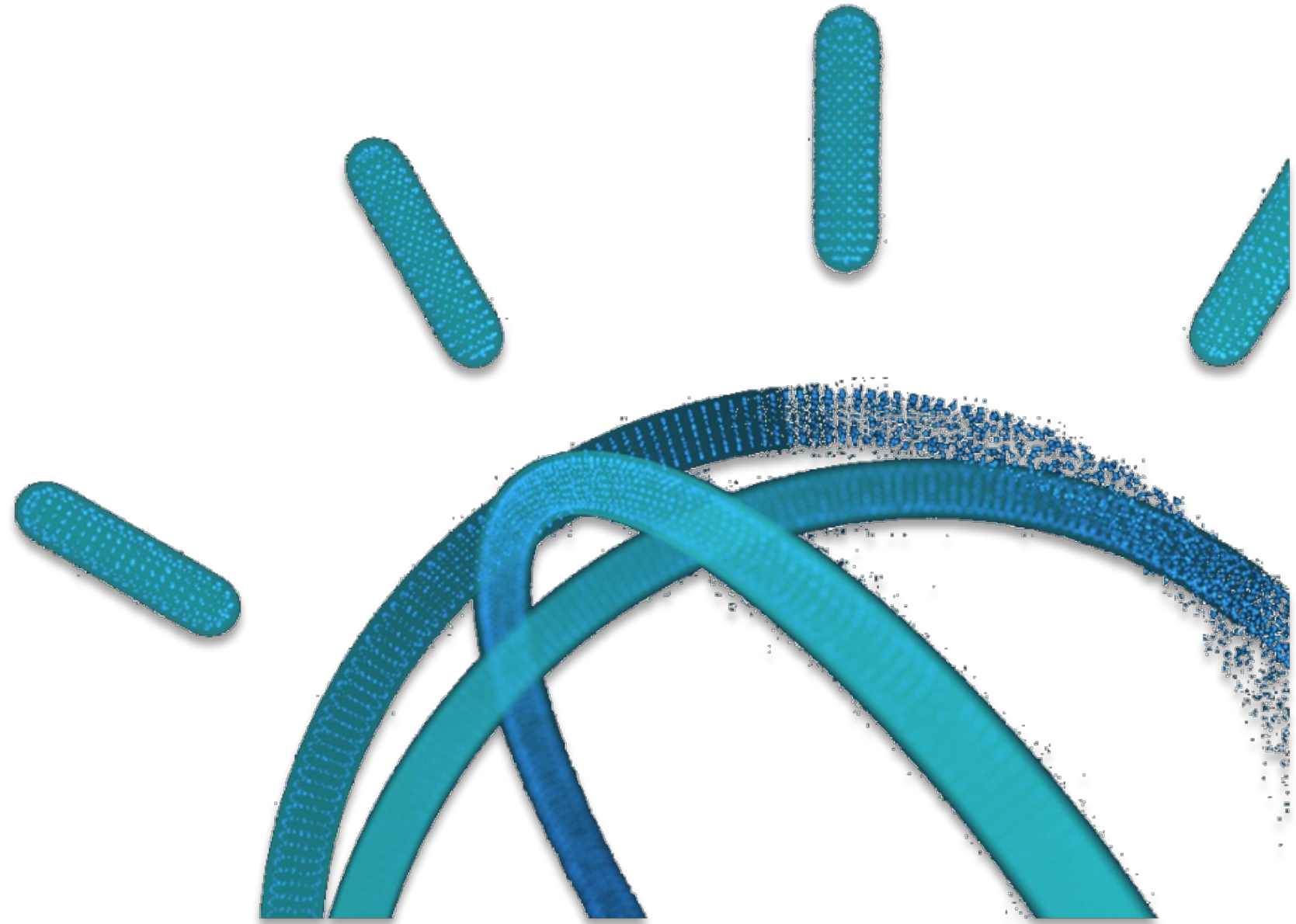
Cognitive is here



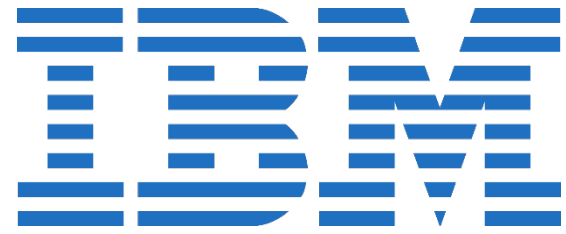


# Watson Powers Cognitive Collaboration:

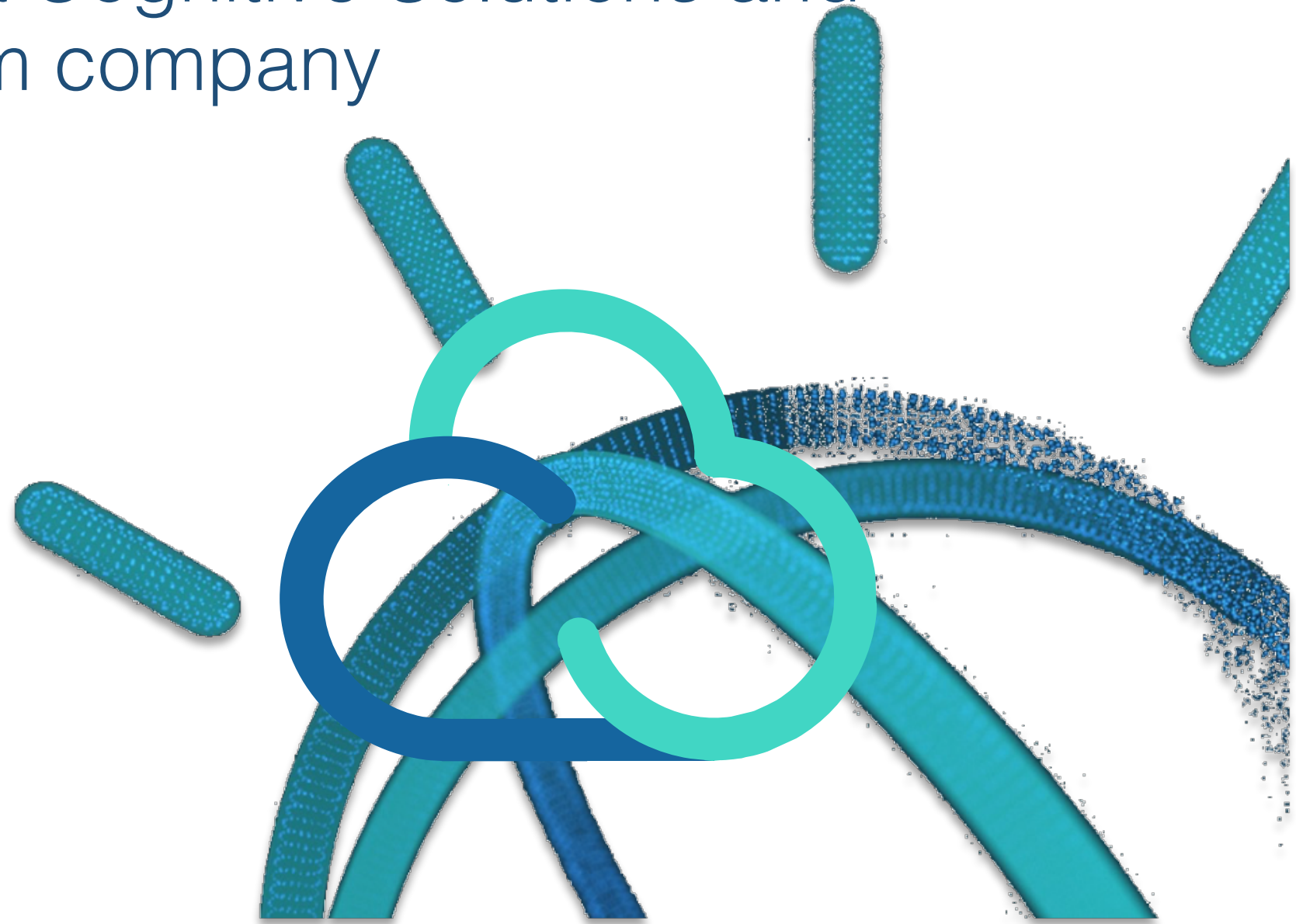
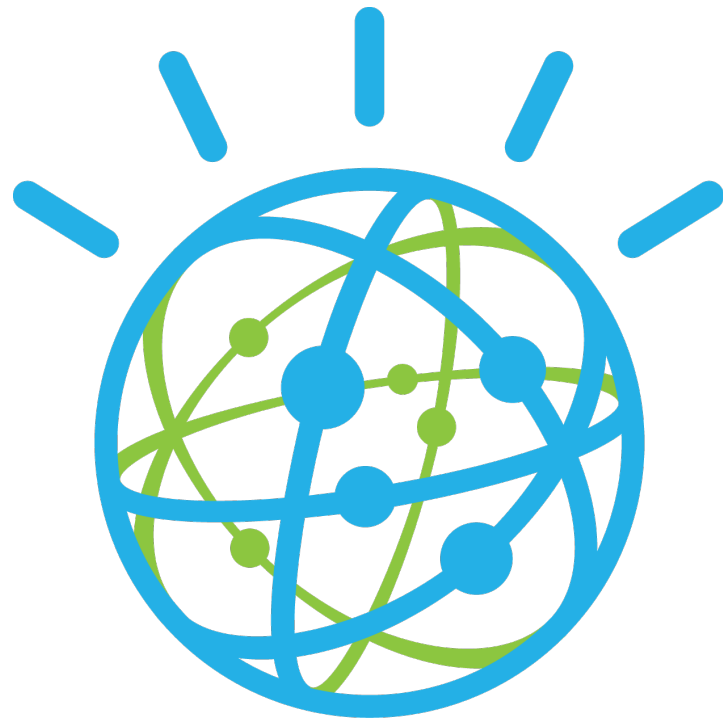
- <https://www.youtube.com/watch?v=2DHasK2Ychl>



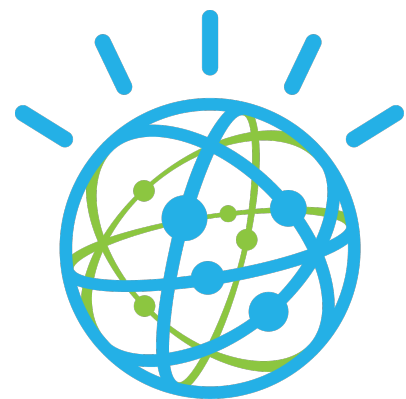
# IBM Strategy



is becoming a Cognitive Solutions and  
Cloud Platform company







IBM  
Watson



Jeopardy



Weather



Work



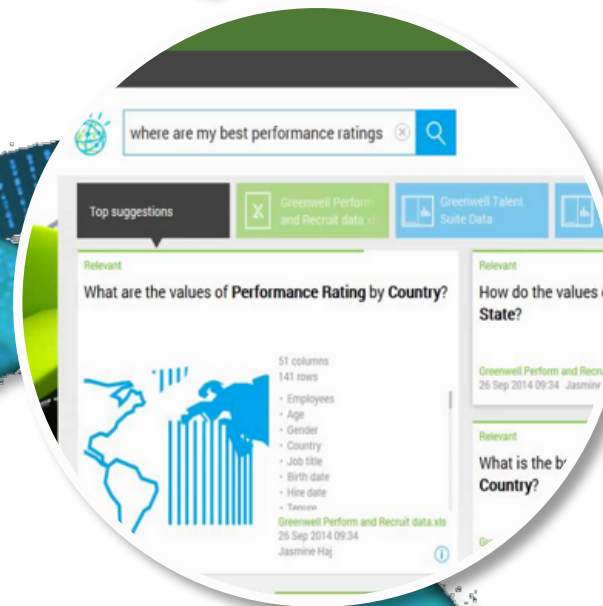
Marketing



IOT



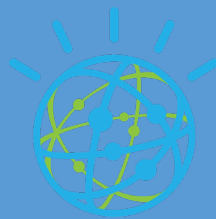
Health



Talent



# The Core Characteristics of a Cognitive System:



## UNDERSTAND



Cognitive systems understand imagery, language and other unstructured data like humans do.

## REASON



They can reason, grasp underlying concepts, form hypotheses, and infer and extract ideas.

## LEARN



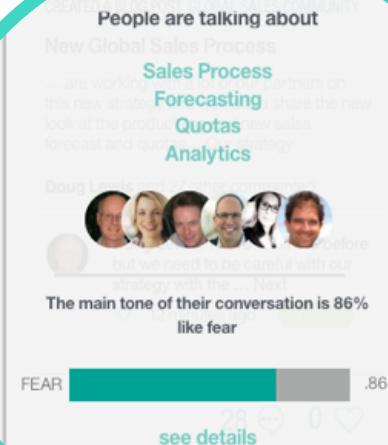
With each data point, interaction and outcome, they develop and sharpen expertise, so they never stop learning.

## INTERACT



With abilities to see, talk and hear, cognitive systems interact with humans in a natural way.

```
"payload" : "{
  \"lens\" : \"ActionRequest\"
  \"category\" : \"Create\",
  \"start\" : 0,
  \"end\" : 44,
  \"phrase\" : \"lets get together tomorrow\",
  \"confidence\" : 0.98603804061712,
  \"extractInfo\" : {
    \"entities\" : [
      \"type\" : \"Person\"
    ]
  }
}
```



Repost this Update

Turn on Notifications for this Blog

This is an urgent question from Heather Reeds posted on a blog you follow

Promoted with 95% confidence

Christoph... What is Checkpoint?

Chip \*APP... You can access Checkpoint tool from [here](#). Use your intranet id to login to the checkpoint tracker.

For general advice about strategizing the contents of your Checkpoint, start with [this community](#).

Christoph... Where do I get my badge replaced?

Chip \*APP... If you have not already received your security ID badge, you should let your manager know.

Christoph... How do I get to New 2 Blue Community

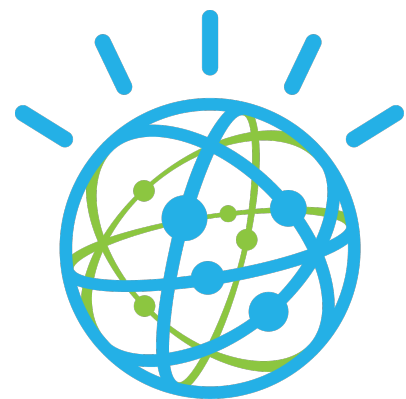
Chip \*APP... To connect with other IBM new hires, ask questions, and discover resources within IBM, you should join the [New2Blue community](#).

Christoph... How many vacation days to I have?

\*APP... This page contains charts for specific accrual calculations. To use you will need your most recent Date of Hire and your Vacation Eligibility Reference Dates (SRD) are not used to calculate vacation. The most determine which chart to use.

... regular employee hired after January 1, 20... use the second chart The V...





IBM  
Watson



Jeopardy



Weather



Work



Marketing



IOT



Health



Talent





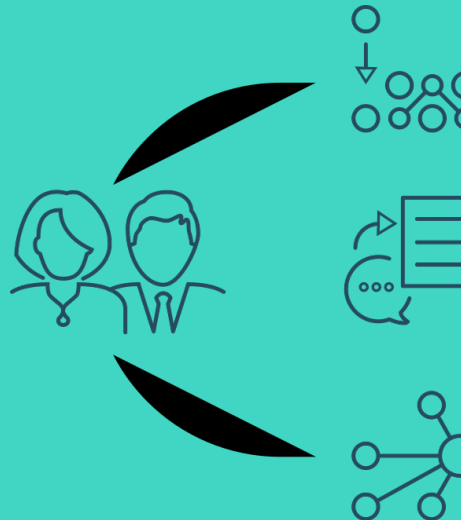
# Introducing IBM Watson Work:



Collaboration Solutions

Integrated Collaboration,  
enterprise social and  
business email tools

Transform your people and your workplace




Watson Analytics

Watson makes every day  
analytics easy. Analyse your  
data in minutes on your own



Start becoming a  
cognitive business



Today and every day, we create a staggering amount of information: formulas, tweets, field notes, legal opinions, photos.

But the programmable computers of the past couldn't make sense of all that information.

Cognitive systems like IBM Watson™ can.

When Watson thinks with you, you can outthink challenges, competitors, limits...



# The Era of Cognitive will move us from "productive" to "effective"...



**Email, Chat**

**Groupware**

**Workspaces**

**Enterprise Social**

**Analytics**

**Cognitive**

Communicate  
and share  
without being  
together

Team  
across  
geographic  
boundaries

Team with  
pre-defined  
goals

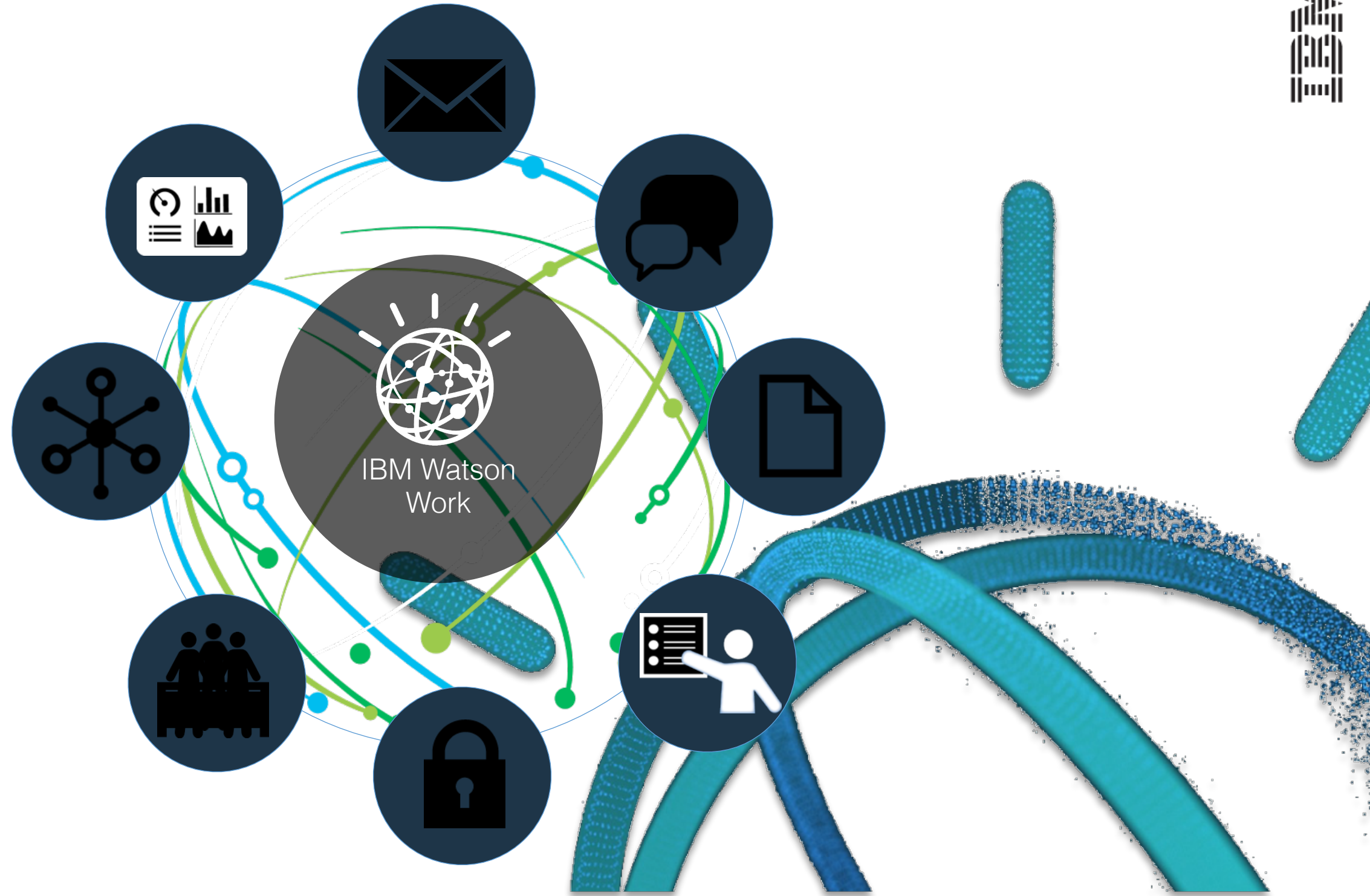
Team across  
organizational  
and  
geographic  
boundaries

Understand  
user  
behavior to  
guide  
activities

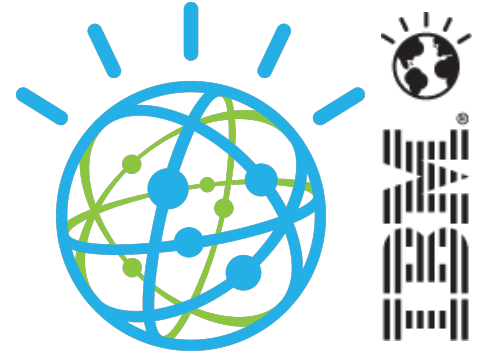
Understand  
behavior and  
context to  
deliver insights  
and proactively  
assist users



# An open platform, powered by Cognitive...



# Two essential Cognitive elements...



## Personal Assistance

- Prioritize work
- Handle common tasks
- Surface functions and recommend actions based on behavior



## Expert Advisors

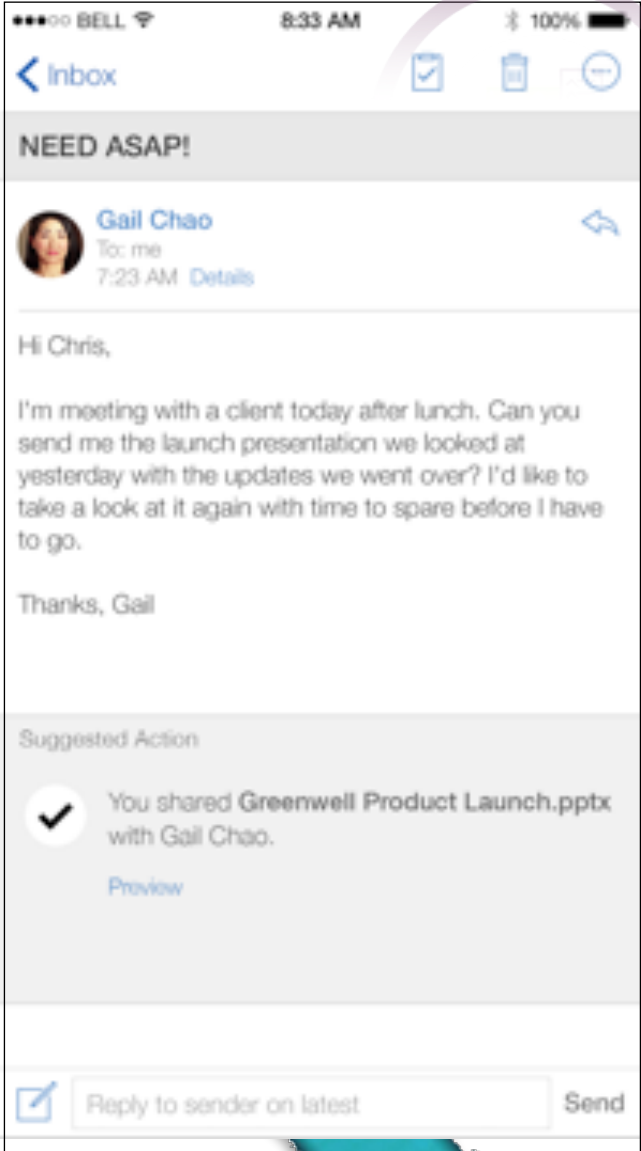
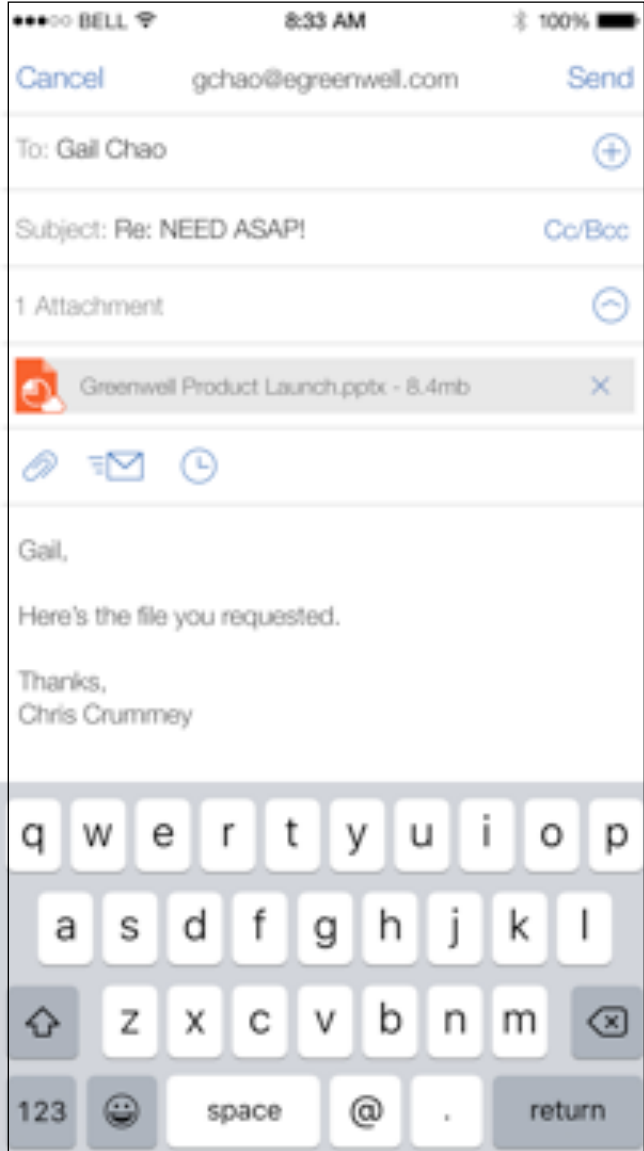
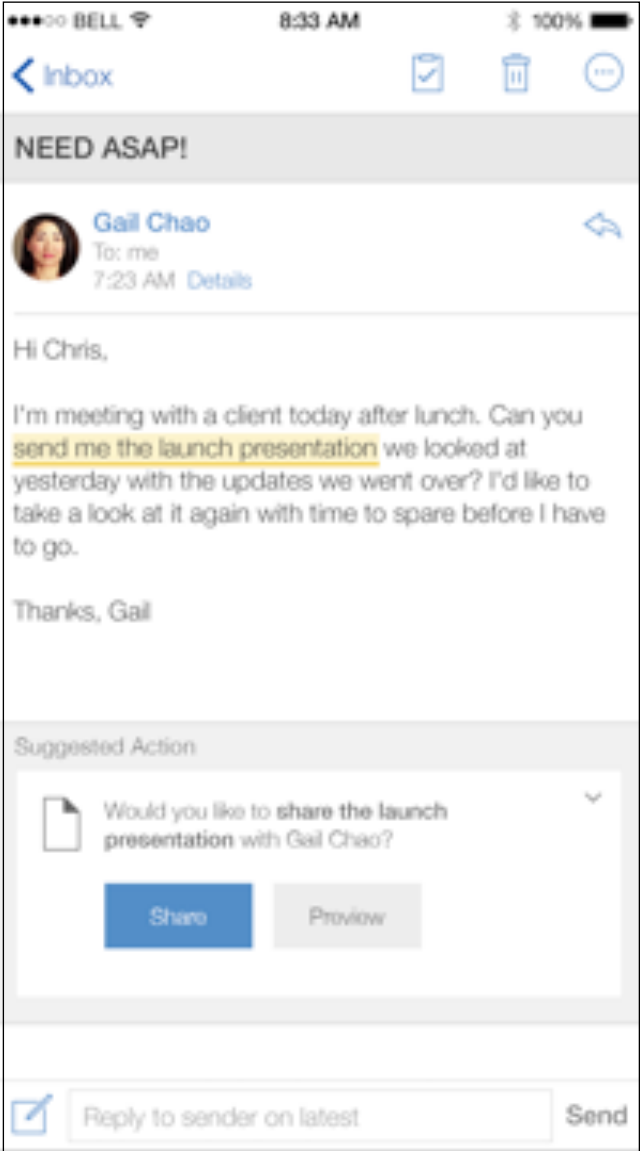
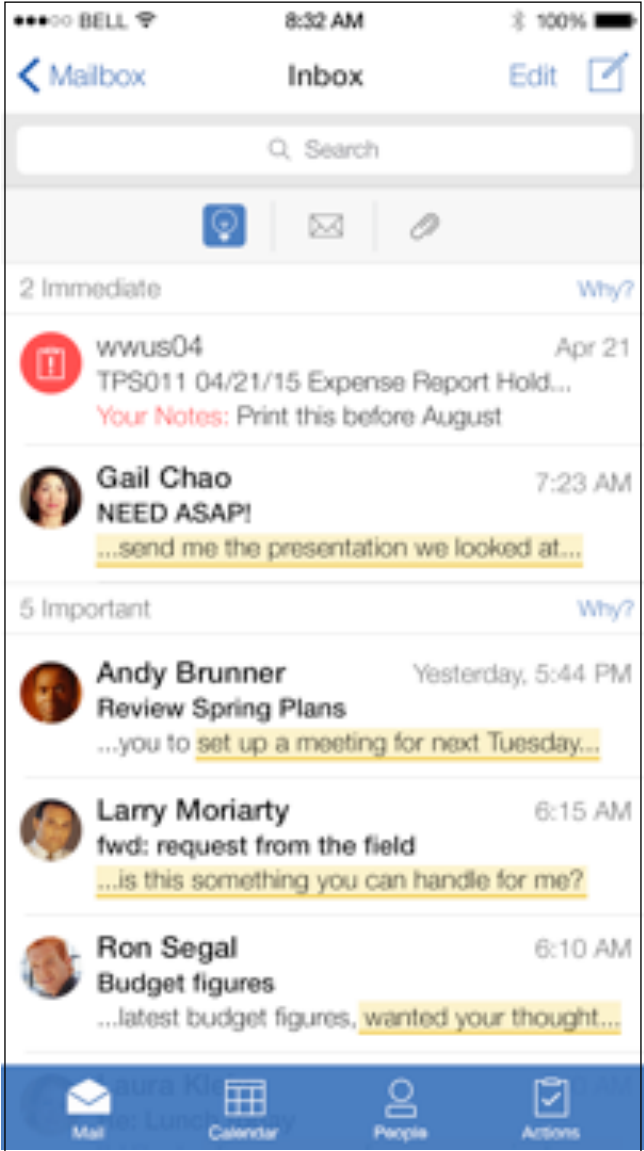
- Understand your work
- Learn over time
- Offer answers and insights





# Cognitive on Mobile - Anticipate actions, saving steps!

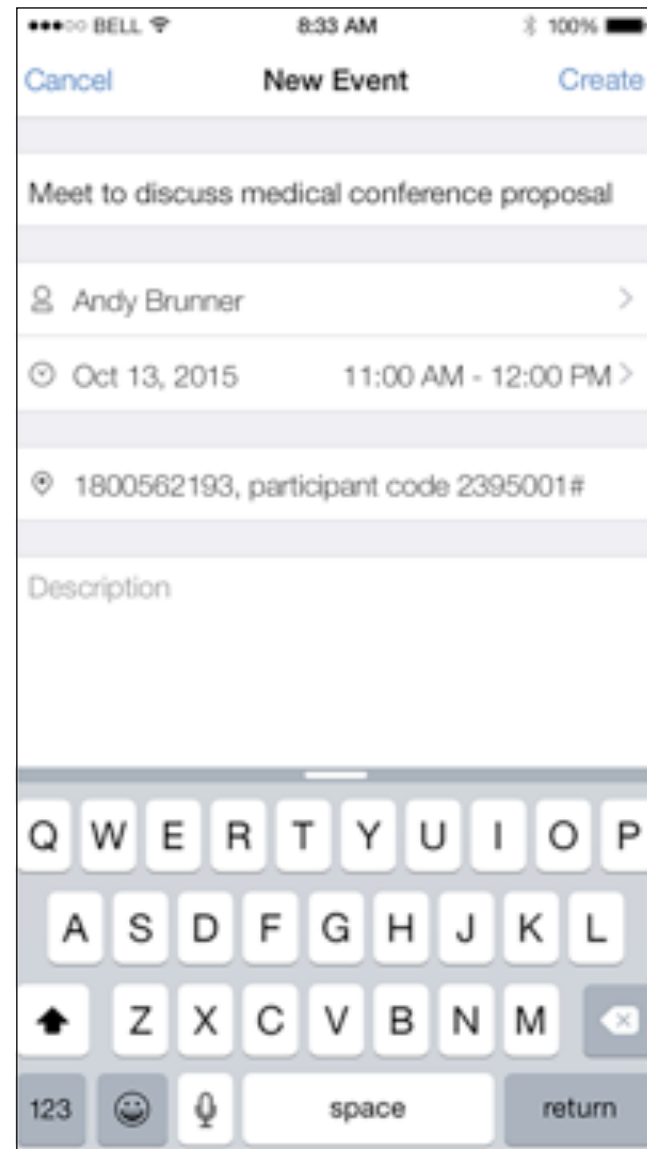
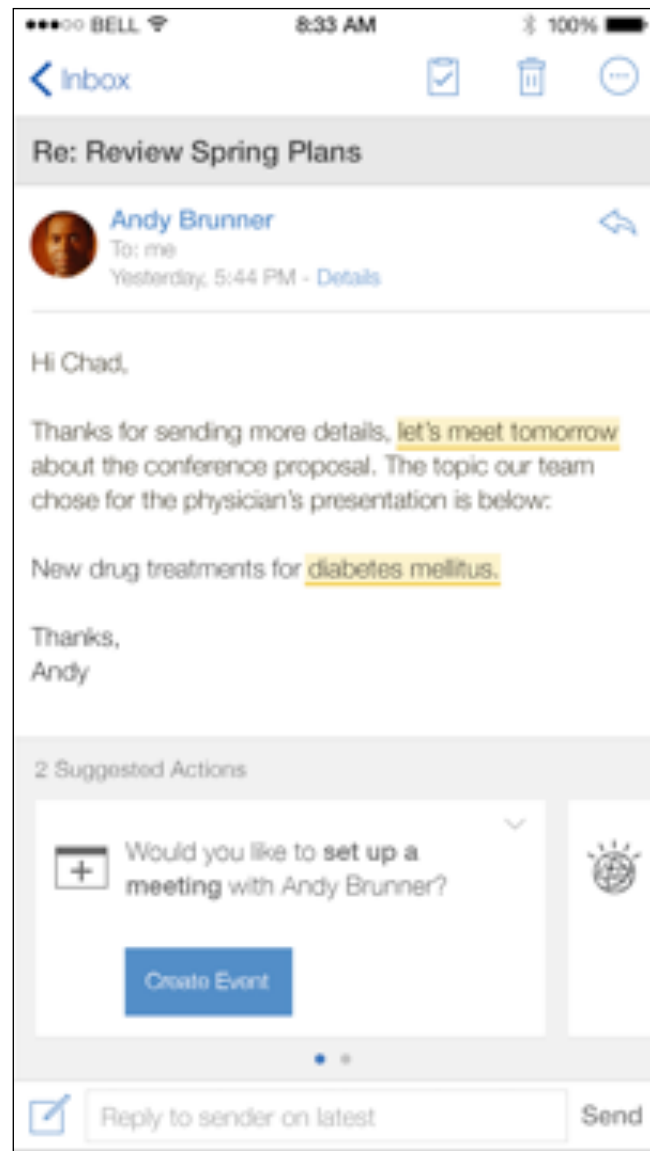
Suggest files to share



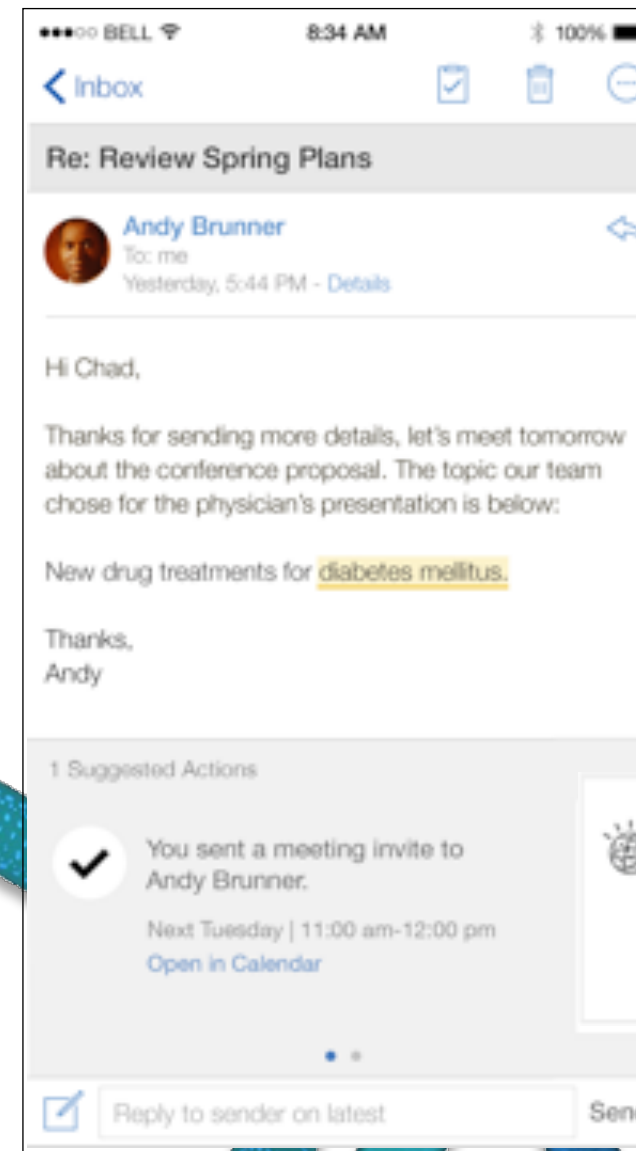


# Cognitive on Mobile - Set up meetings and suggest relevant materials

Create context sensitive meeting with 1-click



Put related information at your fingertips



# Cognitive Collaboration supporting your Calendar...



1. Smart recommendations in case of overlapping invitations ... and the system is learning

Home Mail (2) Calendar (2) Chad Smith Calendar (1) Pierre Laflambe Calendar

Home Mail Calendar People Communities Apps

Calendar

2 Notices

CREATE < Oct 5, 2015 - Oct 9, 2015 > Today

EST Mon 5 Tue 6 Wed 7

1p Product Guidelines Room 32 Jill Coat Group Discussion: Regarding Insights... Room 19 Marcus Xin Global Enterprise Chris Carp

2p Industry-Leading... Kirk Floyd Business Directory Room 1011 Abigail Sorinski

3p Work Session: Prioritization Room 1011 Abigail Sorinski 2016 Forecasting Seminar Room 22 Jim Waters

4p Software Implementation Room 1920 Jay Bird Weekly Status Bruce Kite Industry-Leading... Kirk Floyd Expansion into new markets Room 1202 Burt Apple

5p

Next Meeting in 18 minutes: Products and Services in Q4 at 10am

THU 8

8am 9am 10am 11am 12pm 1pm 2pm 3pm 4pm 5pm

**Budget Overview**  
3:00pm - 4:00pm  
Brenda Blake  
Room 16B

**Important (Hide)**

- Required and Accepted.
- 2 people higher on your management chain are required.
- External people (fidm.edu) are invited.

☐ Yes, I agree

**Invitation: Weekly Updates on Product Line**  
3:00pm - 4:00pm  
Bruce Kite  
Room 44

**Invitation: Industry-Leading**  
3:00pm - 4:00pm  
Kirk Floyd





Compose



TODAY

**Harvard Business Review** 12:02 PM  
**Weekly Hotlist: How to Read a Book a Week**  
\*\*\*\*\* HARVARD BUSINES...

**Epicurious Cook This Now** 9:35 AM  
**Fall for This One-Pan Chicken and Spaghetti Squash Dinner**  
Make every day taco day, our best ground chicken recipes, and...

**Harvard Business Review** 9:02 AM  
**The Daily Stat from Harvard Business Review**  
\*\*\*\*\* HARVARD BUSINES...

**Luxury Travel Magazine** 8:20 AM  
**Luxury Golf & Spa Getaways**  
[1]Click here to view in web page [2][logo.gif]

**Harvard Business Review** 7:01 AM  
**The Daily Alert from Harvard Business Review**  
\*\*\*\*\* HARVARD BUSINES...

**CIO Careers** 7:00 AM  
**How high will IT salaries climb?**  
8 body language mistakes candidates make in job interviews <h...

## 2. Extending a series

### Weekly Ops Meeting

1:00 pm - 2:00 pm

Lily Ryzebol

1 888 426 6840 PC: 123456#

Click for password

Verse has detected:

This is the last instance of the meeting. [Extend](#)

First meeting tomorrow [Daily Scr...](#) | 7 - 7:30 am | USA Toll Free: 888 426 6840 (Caller Paid: 215 861 6239) P

TUE 2

Today

7am

8am

9am

10am

11am

12pm

1pm

2pm

3pm

4pm

5pm

6pm

999+

13

2

L

S

C

Compose

TODAY

- HR

Harvard Business Review

Weekly Hotlist: How to Read a Book a Week

\*\*\*\*\* HARVARD BUSINES...

12:02 PM
- EN

Epicurious Cook This Now

Fall for This One-Pan Chicken and Spaghetti Squash Dinner

Make every day taco day, our best ground chicken recipes, and...

9:35 AM
- HR

Harvard Business Review

The Daily Stat from Harvard Business Review

\*\*\*\*\* HARVARD BUSINES...

9:02 AM
- LM

Luxury Travel Magazine

Luxury Golf & Spa Getaways

[1]Click here to view in web page [2][logo.gif]

8:20 AM
- HR

Harvard Business Review

The Daily Alert from Harvard Business Review

\*\*\*\*\* HARVARD BUSINES...

7:01 AM
- CC

CIO Careers

How high will IT salaries climb?

8 body language mistakes candidates make in job interviews <h...

7:00 AM

3. Alarm if there is an issue with a date  
(too many people cannot make it,...)

Weekly 1on1 with Scott

3:00 pm - 3:30 pm

Lily Ryzebol

USA Toll Free: 888 426 6840 (Caller Paid: 215 861 6239) Participant: 90475086# iPhone: 18884266840,,90475086#

Click for password

Verse has detected:

1 of 1 required have declined. [Fix](#)

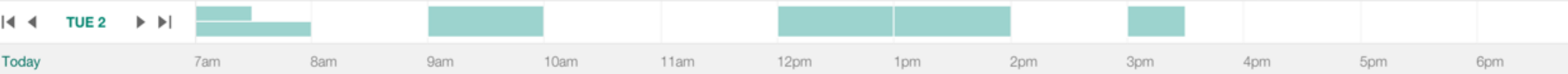
Scott Souder

First meeting tomorrow

Daily Scr...

7 - 7:30 am

USA Toll Free: 888 426 6840 (Caller Paid: 215 861 6239) Particip





# ... in IBM Connections

New Homepage  
Orient Me

IBM Connections

Home

Mail

Calendar

People

Communities

Apps

Buzz

Intranet

23

7

9

DS

JH

TODAY

Share Something

Doug Lhotka

19 Minutes ago

REPLIED TO [MARK LLOYD's TOPIC](#)

**Leverage Watson Analytics for Sales Forecasting**

Watson Analytics is a game changer in terms of helping the sales team better forecast their global sales. Insight into your territory, who are your top performers...

Doug Lhotka: Lets get together tomorrow and we can review what changes you need to make...

19 minutes ago

Action

Due Soon

13

0

Heather Reeds

12 Minutes ago

CREATED A BLOG POST [GLOBAL SALES COMMUNITY](#)

**New Global Sales Process**

...are working with a lot of our partners on this new strategy and wanted to share the new look at the product line and new sales forecast and quotas... Our strategy

Doug Lewis and 27 other commented

Doug Lewis: I have seen this before but we need to be careful with our strategy with the ... Next

12 minutes ago

Question

28

0

Mike Howard

19 Minutes ago

LIKED [MARTHA SNOW's FILE SHARE](#)

**#newwaytowork #agile**

IBM New Way To Work ...

28

101

Angela Sormalic

11 Minutes ago

REPLIED TO [MICHAEL HOWARD's TOPIC](#)

**I love the new IBM Mac app store at Mac@IBM**

I just upgraded to the latest version of the Mac

Mike Jones

11 Minutes ago

REPLIED TO [SUE MORRIS's TOPIC](#)

**Cisco WebEx available for all users!!!!**

Question

We are able to use and take advantage of the IBM and Cisco Relationship and now use Cisco WebEx for meetings.

Laurie Caroline

3 Minutes ago

LIKED [LIZ MARK's FILE SHARE](#)

Next Meeting: **Finalize Strategy** | 10am - 11:00 am | Toll free: 1 800-555-3687

Weds 26

8am

9am

10am

11am

12pm

1pm

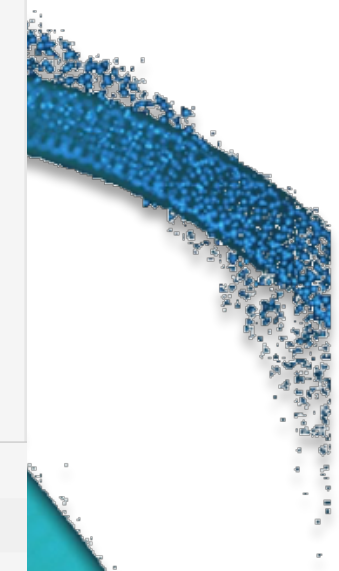
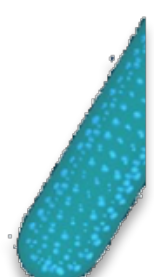
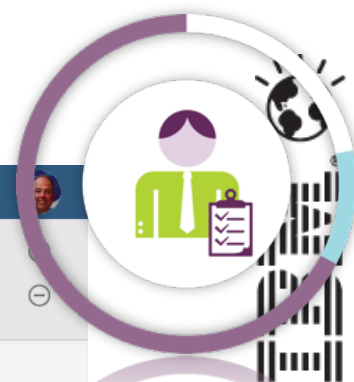
2pm

3pm

4pm

5pm

6pm



# ... and within Watson Workspace

**Spaces**

- Conquistadors** 5m  
That would be really nice.
- Greenwell Sales** 11m  
Ok, any last minutes changes to ...
- Thursday Sessions** 2h  
Tom, can you add the agenda?
- Design Brainstorming** 4h  
What if we were to take what we...
- Q4 Prep** Yesterday  
You might be able to delete the app...
- Project Clementine** Yesterday  
Nice, only two days to go. I can see...

**Greenwell Sales**

TODAY 11:03 AM-11:27 AM

### Meeting invite, Sales forecast

**Question** Dan: So what time are we meeting?

**Question** Lisa: Have you seen the current rendition of the sales numbers?

TODAY 11:46 AM-12:32 PM

### Monthly Sales Report

**Action** Anna: Add in this url: <http://greenwell.com/fall> for the fall sales plan

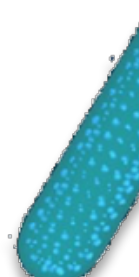
**Decision** Lisa: Great. Sounds like we all agree that the current monthly sales report is ready to be shared with our uplines.

TODAY 12:57 PM-1:17 PM

### Revisions, Confirmations, Language Updates...

👍 Lin: So I'll be prepared to present on the call and the rest of you can chime in and add details when we are covering your parts.

**Question** Dan: Ok, any last minutes changes to what we have?






# Getting help from an Expert




Bill Looby liked Luis Benitez's message.




**Luis Benitez** Anyone know why won't an Apple device sync with Traveler after an internet password change?

 12 • Unlike • Comment • Repost

December 4, 2014 



**IBM Watson** August 22, 2014 •  8 • **Like**

I'm 86.592% confident that this this may help: 'After making a change to a user's Domino internet password on the server, an Apple device utilizing Lotus Notes Traveler will no longer sync (though it was working fine before this change). The device will attempt to connect, and simply fail to get new email. There will be no error to the user that the password is incorrect. Resolving the problem. The internet password used on the device is stored locally and can't be updated from the server. If a password change is made on the server, it is best to change the password on the device at the same time by following these steps: Turn Airplane Mode on. Go to Settings ->

...[Show more](#)



**Kamie Ngam-Nield** September 12, 2014 •  1 • Like

Great answer Watson !

Add a comment...

Thank You

What will YOU do with Collaboration ?



# Questions

