



Microsoft

LEAP 2017

14-18 maart

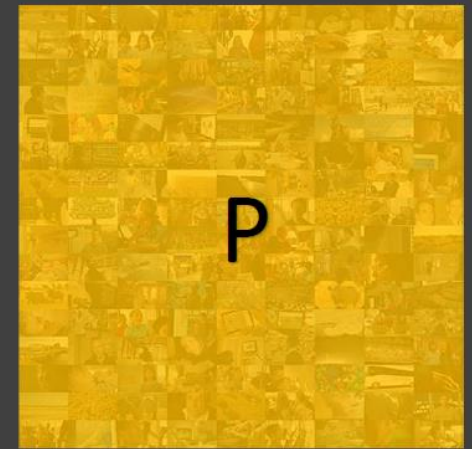
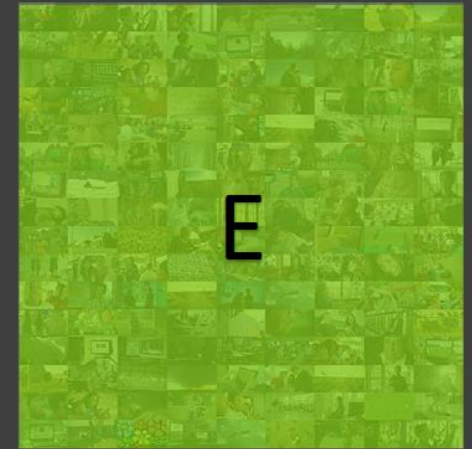
Aventus

De school waar jij 't maakt



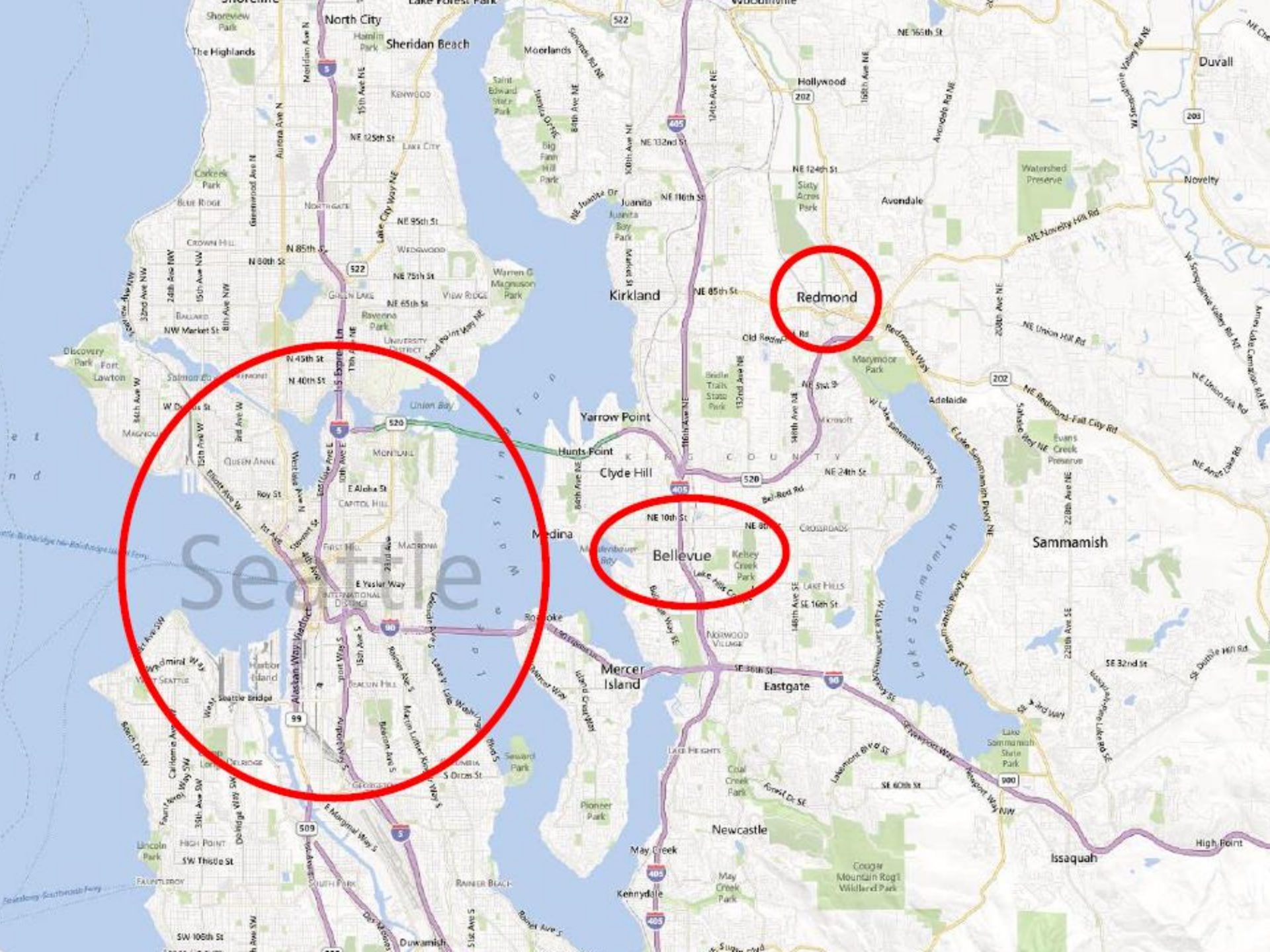
LEAP's mission

Empower every (Lead) Enterprise Architect in every organization on the planet to achieve more



Deelnemers





Seattle

Redmond

Bellevue

North City

Sheridan Beach

Kirkland

Yarrow Point

Medina

Mercer Island

Newcastle

Eastgate

Sammamish

Issaquah

Duvall

Novelty

High Point

The Highlands

Discovery Park

West Seattle

Lincoln Park

Fallout

Green Lake

Union Bay

Ballou Field

South Park

Moerlands

Warren G. Magnuson Park

Bellevue City

Pioneer Park

Hollywood

Sixty Acres Park

Microsoft

Lake Hills

May Creek Park

Avondale

Adelaide

Bel-Red Rd

Acacia Dr SE

Watershed Preserve

Mayeandor Park

Evans Creek Preserve

Lake Sammamish State Park

Coogee Mountain Rgl. Willard Park

Novelty Hill Rd

NE Union Hill Rd

NE Redmond-Fall City Rd

SE 32nd St

Highway 900

NE 165th St

NE 158th St

NE 124th St

NE 110th St

NE 85th St

NE 55th St

NE 24th St

NE 16th St

SE 60th St

Highway 520

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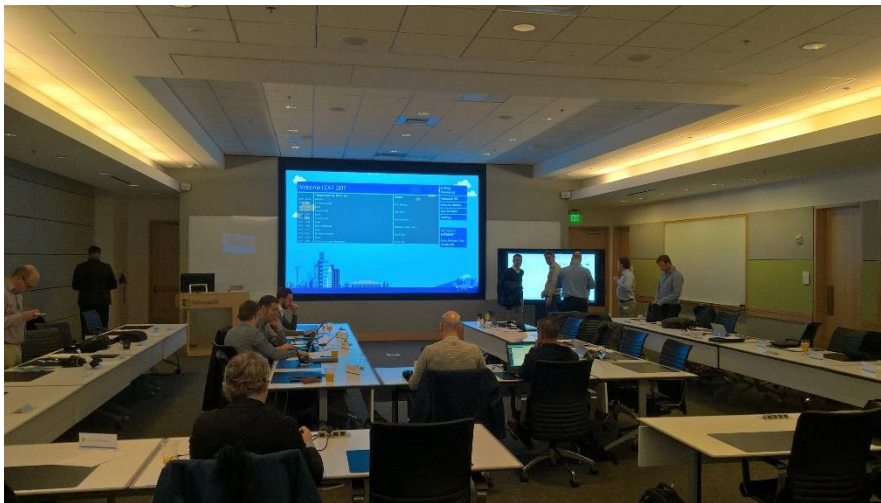
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Microsoft Campus en EBC



Programma

Dag 1	Keynote – Cloud Vision	Eduardo Kassner
	Cloud transformation	Ulrich Hofmann
	GDPR	Martin Vliems
	Azure stack	Afredo Pizzirani
	Development tools	Paul Yuknewicz
	Azure strategy and futures	Stefan Maxfield
Dag 2	Strategy	Daniel Brown
	Dynamics 365	Luis Camino
	Cloud Security	Ken Macolmsom
	Bots and Blockchain	John Nave & Michael Glaros
	Big data & analytics	Lance Olson
	Identity & access management	Stuart Kwan
Dag 3	Microsoft IT - Cloud adoptions	Melissa Low
	Keynote – Future Vision	James Whittaker
	DCU tour	Mike Wallulis

Cloud visie

- Horizon
 - Nu - 5 yrs
 - Homomorphic security
 - What's bigger than big data
 - Algorithms / Artificial intelligence
 - Natural language computing
 - Informational Graphs
 - Context and learning
 - Relationship Graphs
 - Holo-portation (3D See, Hear, Interact) - [Link](#)
 - Dialogue systems
 - Field Programmable Gate Arrays (Algorithm – hardware)
 - Off-grid computing
 - Underwater Datacenters



Cloud visie

- We moeten veranderen:

Oud	Nieuw
Leertrajecten	Vaardigheden
Verkoop	Inleven/voorstellen
Trainingen na verkoop	Als ik het niet weet, gebruik ik het ook niet
methodieken	Automatisering is koning
intelligente mensen	Samenwerking + community
Ervaring kan niet vervangen worden	Ervaring kan niet vervangen worden!!!



Cloud Visie

- Roadmapping is dood
 - Vertel ons wat u wilt
- Aangrenzende mogelijkheden
 - IoT
 - Big Data
 - Cognitieve services
 - 3/10 responstijd door Azure
 - Accuweather
- The problem is not the budget, but to find the right problem to solve!
 - To adress the right problem



Internet of Things

2010



Internet of Things



HOME

COMMUTE



WORKPLACE

COMMUTE



HOME



Cloud Visie - Azure

- Azure Momentum
 - 120.000 nieuwe klanten/subscriptions per maand
 - 150 billion SQL queries requests verwerkt per dag
 - 715 million Active AD users
 - 120 billion hits to websites run on Azure
- In komende 12 maanden worden 600+ nieuwe services en features gereleased
- Microsoft heeft het grootste en snelste fiber netwerk ter wereld
- Meer dan 100 datacenters in 38 Azure regio's (wereldwijd)

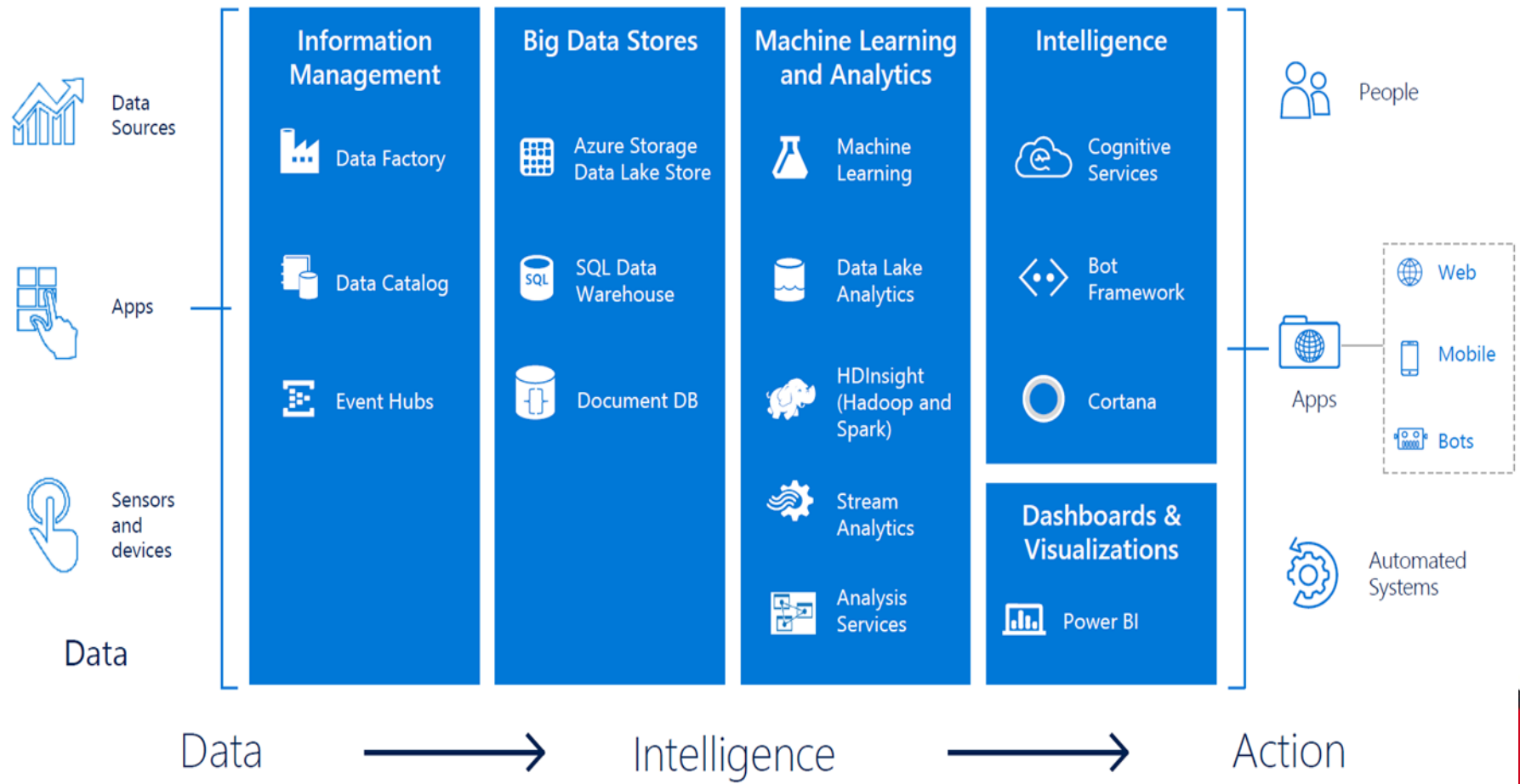


Big data

- 3 belangrijke trends convergeren
 - Big Data & IoT
 - Cloud
 - Intelligentie
- Van data naar beslissingen en acties
 - Reports -> interactieve dashboards -> machine learning -> voorschrijven
 - [Dia 12](#)
- Analyseren van data en herkennen van patronen -> daar draait het om



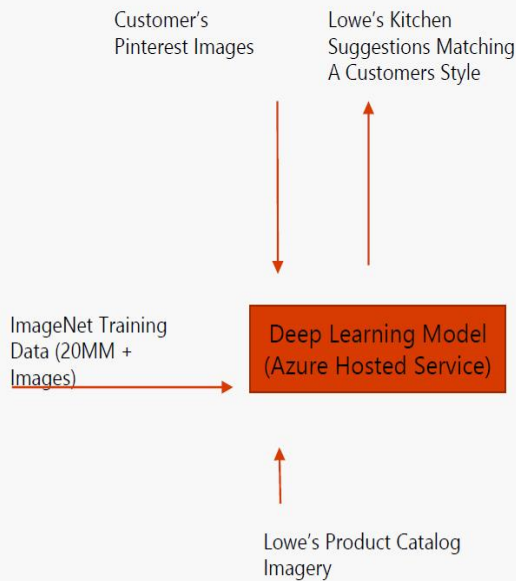
Transform data into intelligent action



How Cortana Intelligence Powers a Personalized Lowe's Kitchen Design Experience



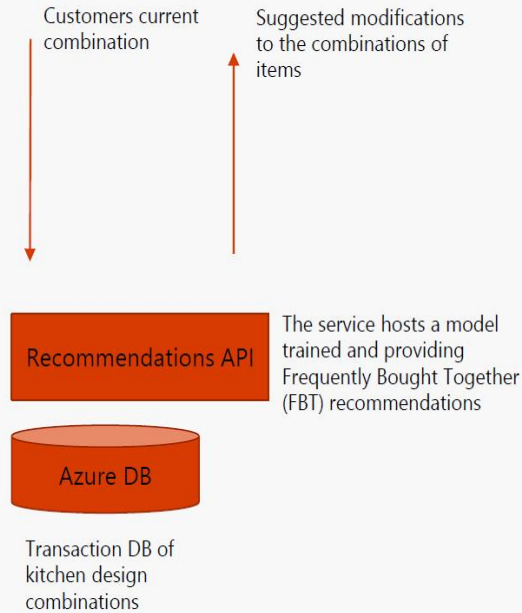
1) Customer's experience a very personalized design experience based on months of image curation



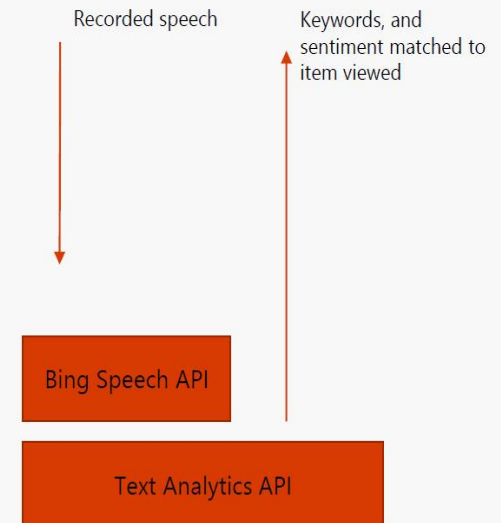
Cortana Intelligence is Contextual



2) A designer is able to provide deeply contextual style and product modifications based on customers and designers preferences before them using our Recommendations API



3) Product planning teams receive "on the showroom floor" insight on how customers discuss and experience their products

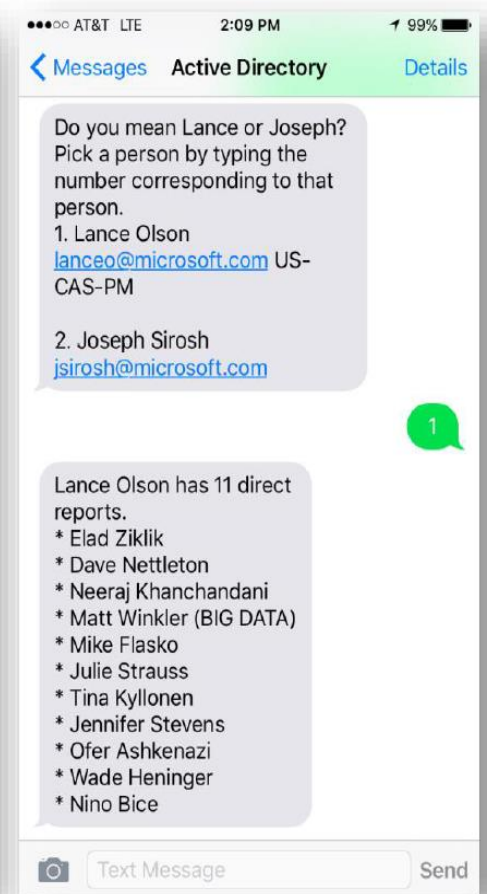
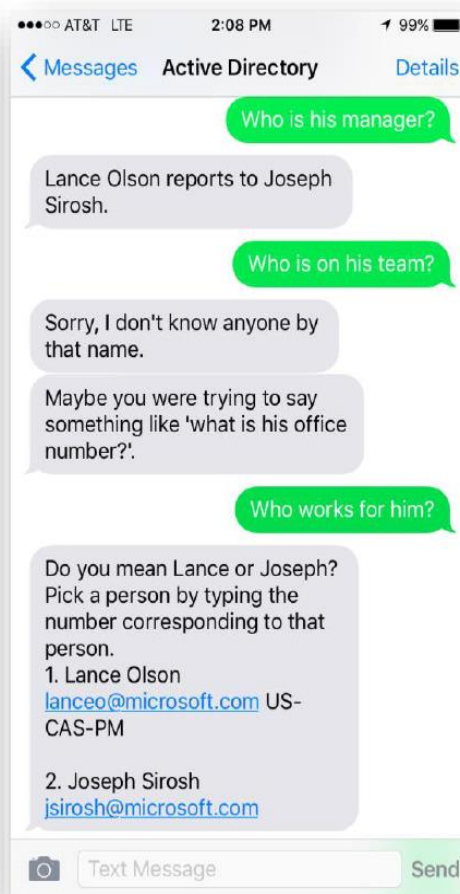
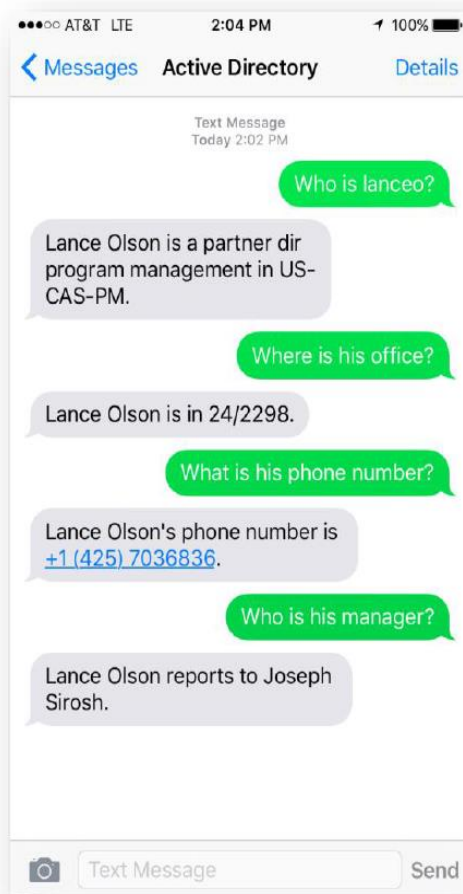


Bots

- Bots - agents waarmee je kunt communiceren middels tekst
- Personal digital assistant - agent waar je kunt communiceren middels spraak
 - Cortana
- Zelf een BOT bouwen
 - <https://dev.botframework.com>
 - <https://qnamaker.ai>

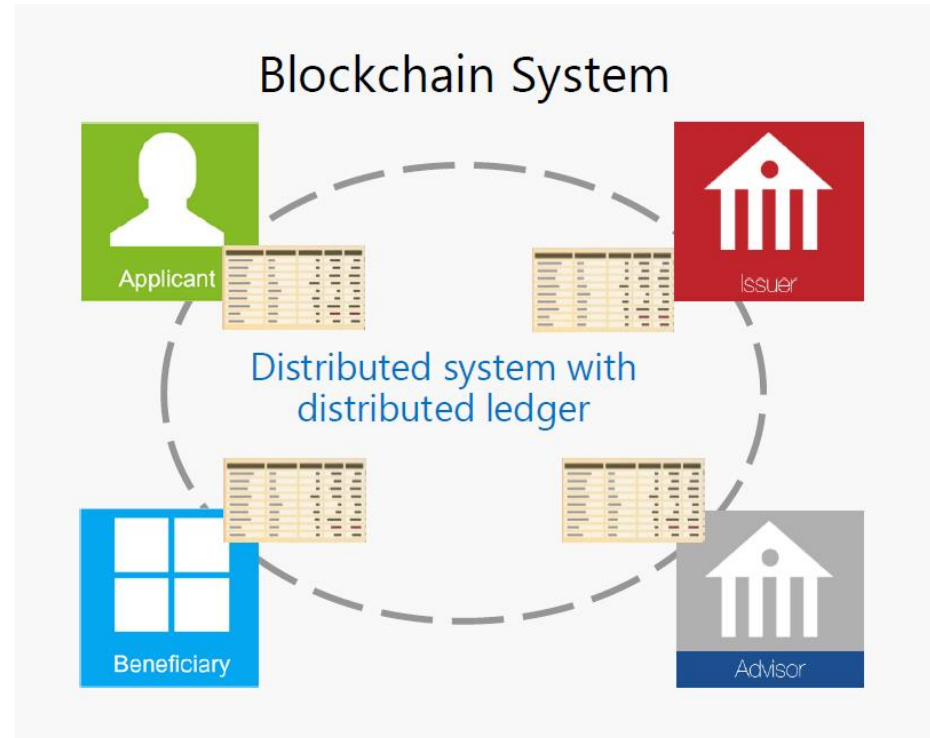


MS Internal AD Bot

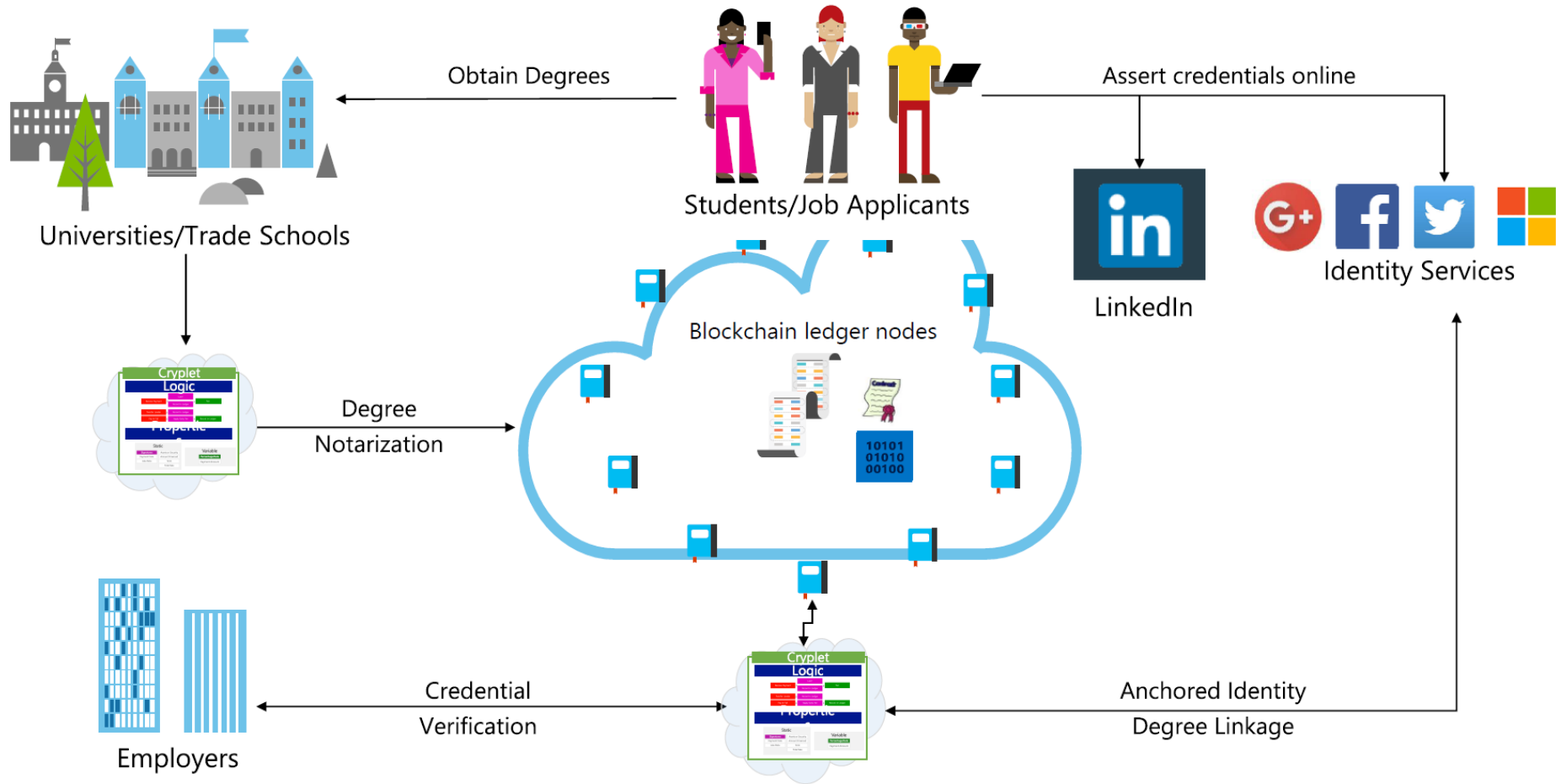


Blockchain

- Wat is Blockchain?
- Requirements
 - Moet veilig zijn
 - Moet gedeeld worden
 - Moet gedistribueerd worden
 - Moet geautoriseerd zijn
- Voordelen
 - Elimineert tussenpersonen
 - Vermindert fraude
 - Verhoogt efficiëntie en snelheid



Sample Scenario – Educational Credential Verification



The Future - James Whittaker

- Mixed is the new reality
- De hele wereld wordt gereduceerd tot data
- Mensen zullen optioneel zijn
- Machine is de nieuwe mens
 - Onze lichamen zijn machines
 - Ons DNA is data en hersenfunctie is data
- Jouw privacy verdwijnt -> de machines kunnen je niet helpen als ze niet weten wie je bent!

- Heroverweeg het onderwijs
 - Ontwikkel mixed-reality, sme-driven materiaal
 - Zet Bots in voor het personaliseren, bewaken en begeleiden studenten
 - Gebruik algoritmen voor groepen studenten op basis van vermogen
 - Scholen worden laboratoria voor groepen om te experimenteren
 - Door de drukke werkzaamheden worden studenten medewerkers

- In de toekomst zullen er geen docenten meer zijn!!!
 - Data and holo gaan hun vervangen



Microsoft Digital Crimes Unit

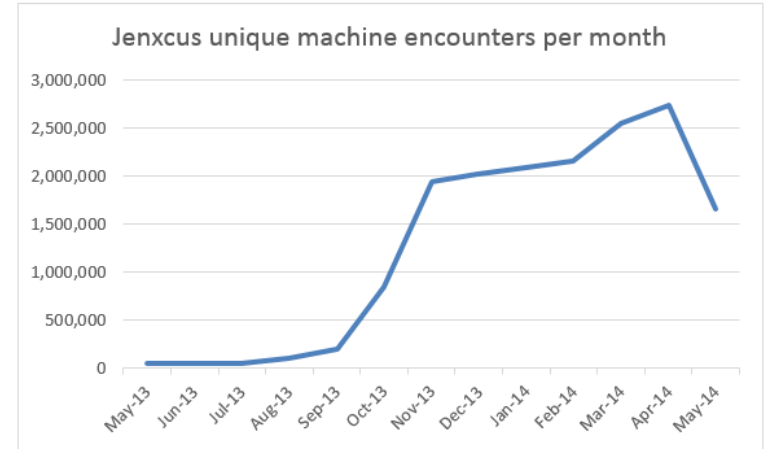
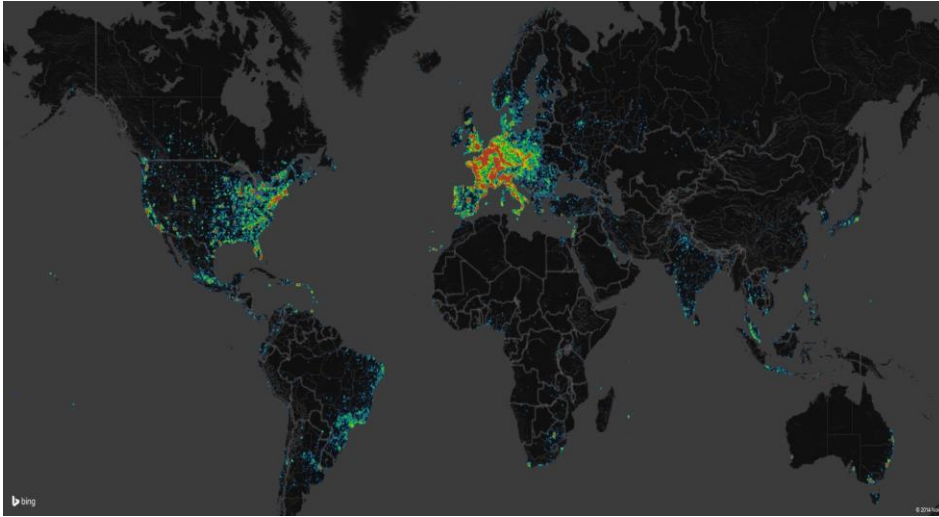


Microsoft Digital Crimes Unit

- Internationaal team van advocaten, onderzoekers, data wetenschappers, ingenieurs, analisten en zakelijke professionals.
- Combineert nieuwe juridische strategieën, forensisch onderzoek, cloud en big data om permanent strijd tegen digitale criminaliteit te houden.
- Onderzoekt oplichting internationaal, bouwen bewijs op voor civiele procedures en strafrechtelijke verwijzingen.
- Een PhotoDNA tool spoort miljoenen illegale uitbuiting van foto's van kinderen online op.
- Zorgen dat malware verstoringen, in samenwerking met de rechtshandhaving en particuliere sector, resulteren in gebruikte intelligentie voor het melden en schonen van getroffen apparaten.



Microsoft Digital Crimes Unit / Cybercrime center



Vragen?

Stel ze aan deze 'jonge' honden

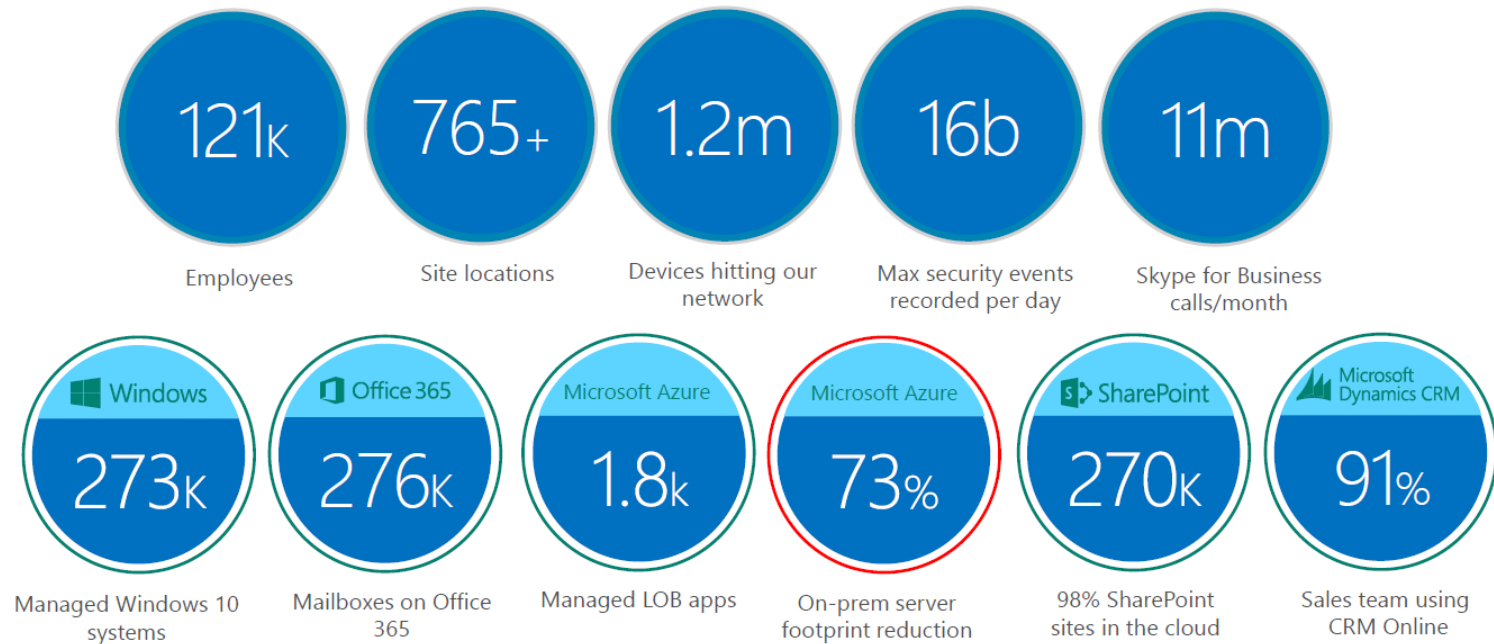


Microsoft IT department

enabling the MSIT cloud transformation



Today's Microsoft IT Environment



On prem server footprint reduced by nearly 50% in the past 6 months



Our behavior, culture, and how we work together: One Microsoft

Yesterday's IT culture

Internally focused silo thinking

Let others direct us (order taker)

Individual successes and heroic efforts

Highly structured and "predictive"

Today's IT culture

Obsessed with customer experience

Embrace a challenger mentality

Build on others to succeed as one team

Experiment and accelerate: fail forward

Results that deliver customer value, impact



Traditional

IT

Transformed

Key Skills

Datacenter
Solution integrator
Solution manager
Data analyst
Tester

BYOD
Cloud architect
Process engineer
Data scientist
DevOps

A

Traditional

IT

Transformed

Delivery

Waterfall

Application delivery

Build and change

Help desk

IT vendors

Relationships

Agile sprints

Service delivery

Service models

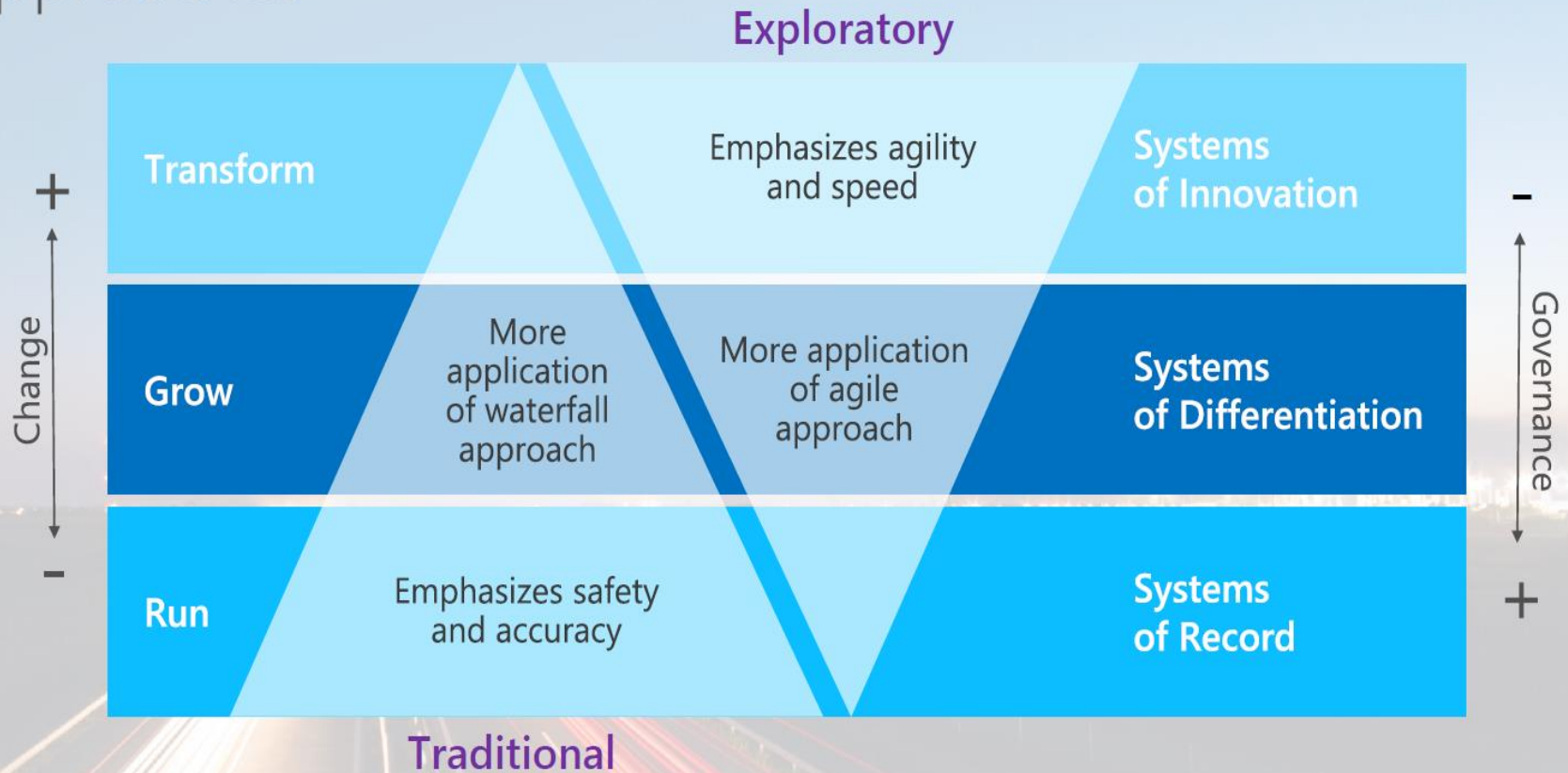
Unified support model

Strategic suppliers

Trusted advisors

A

Transitioning to feature teams for **all** delivery approaches



Cloud strategy and targets

Target

> 90% in the cloud by end of FY17

Principles

Proxy for Enterprise customers to improve our products (Azure and SaaS)
 Lead the industry in leveraging the cloud to transform our complex IT environment

Approach

