

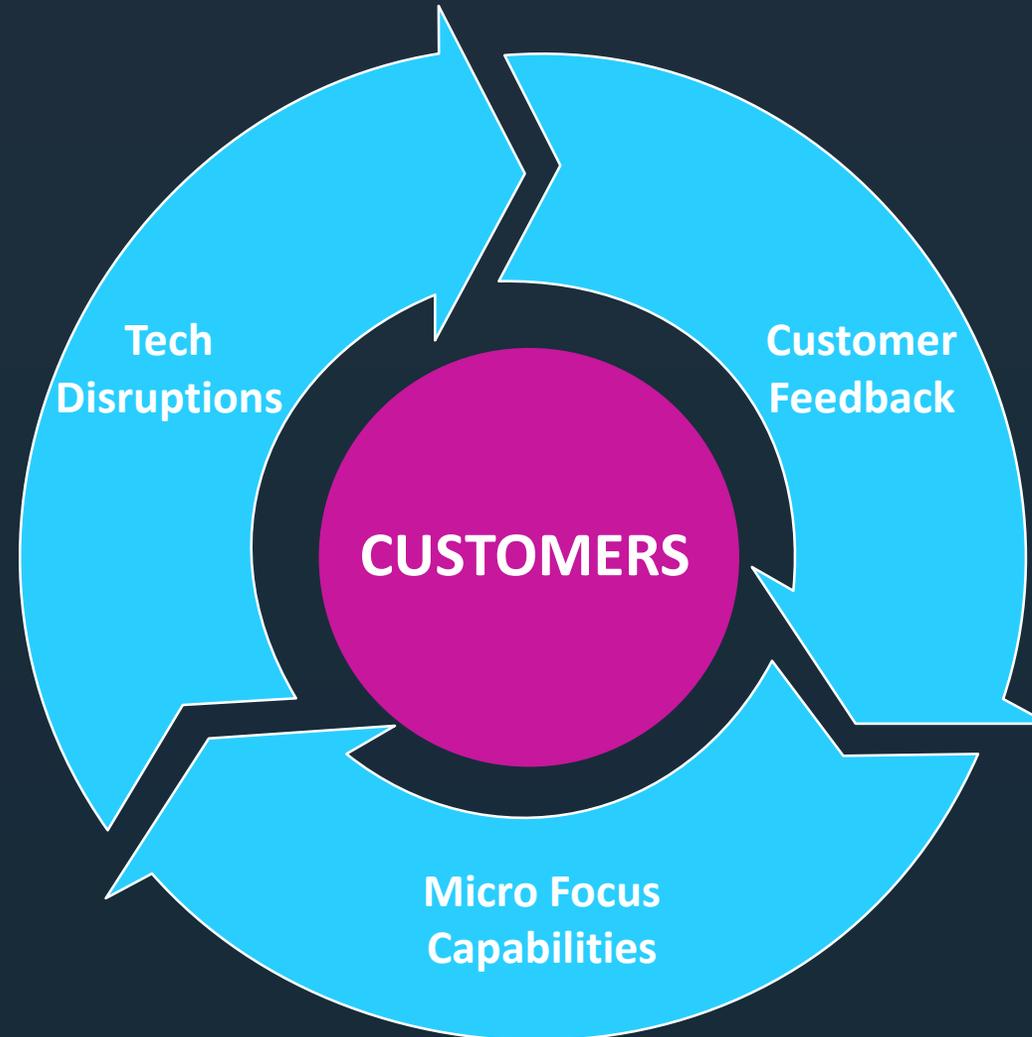


Four Focus areas overview - functionalities needed to manage the Digital Enterprise

Robert Nowak

Presales Manager, CEE&Israel

Customer Driven Innovation



Simplification

4 Focus Areas



27 Portfolios



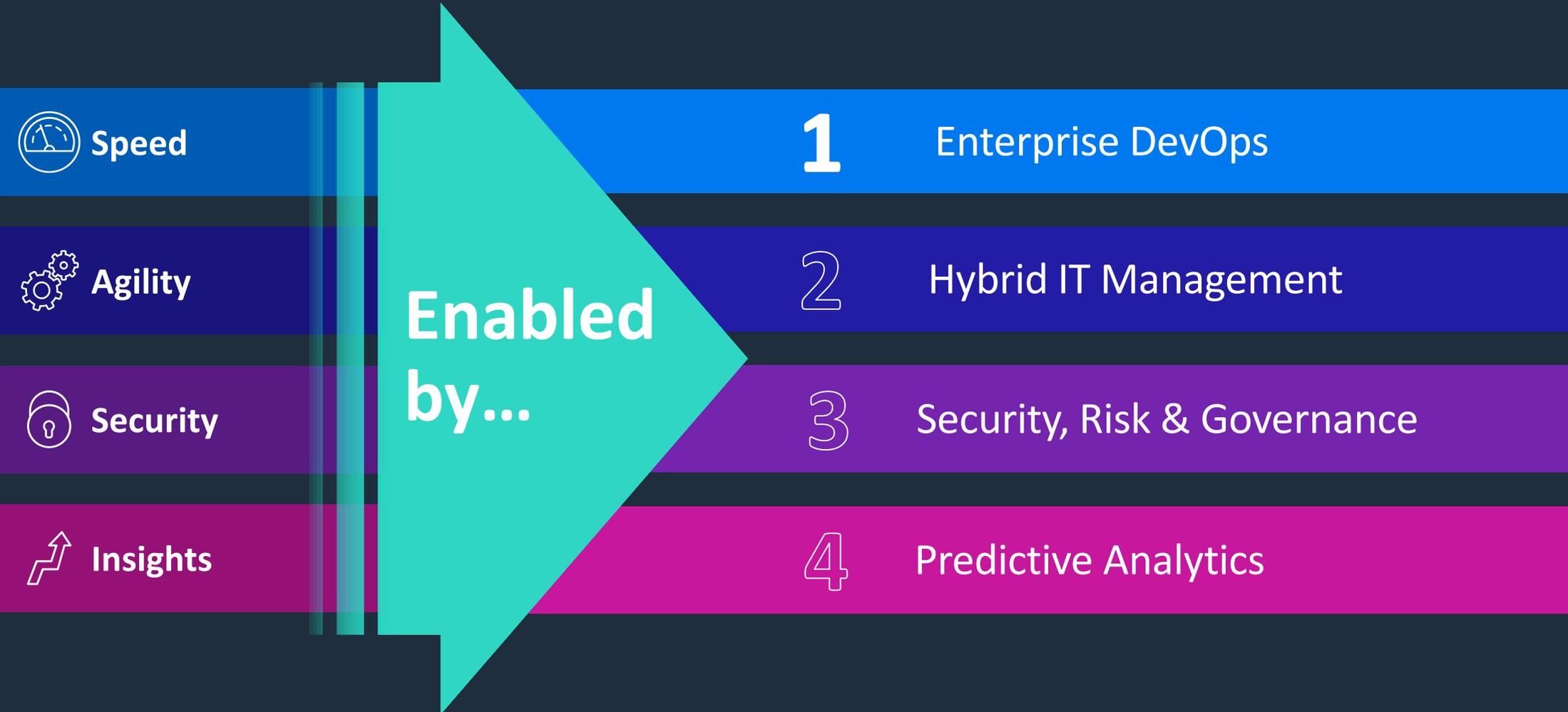
82 Centers



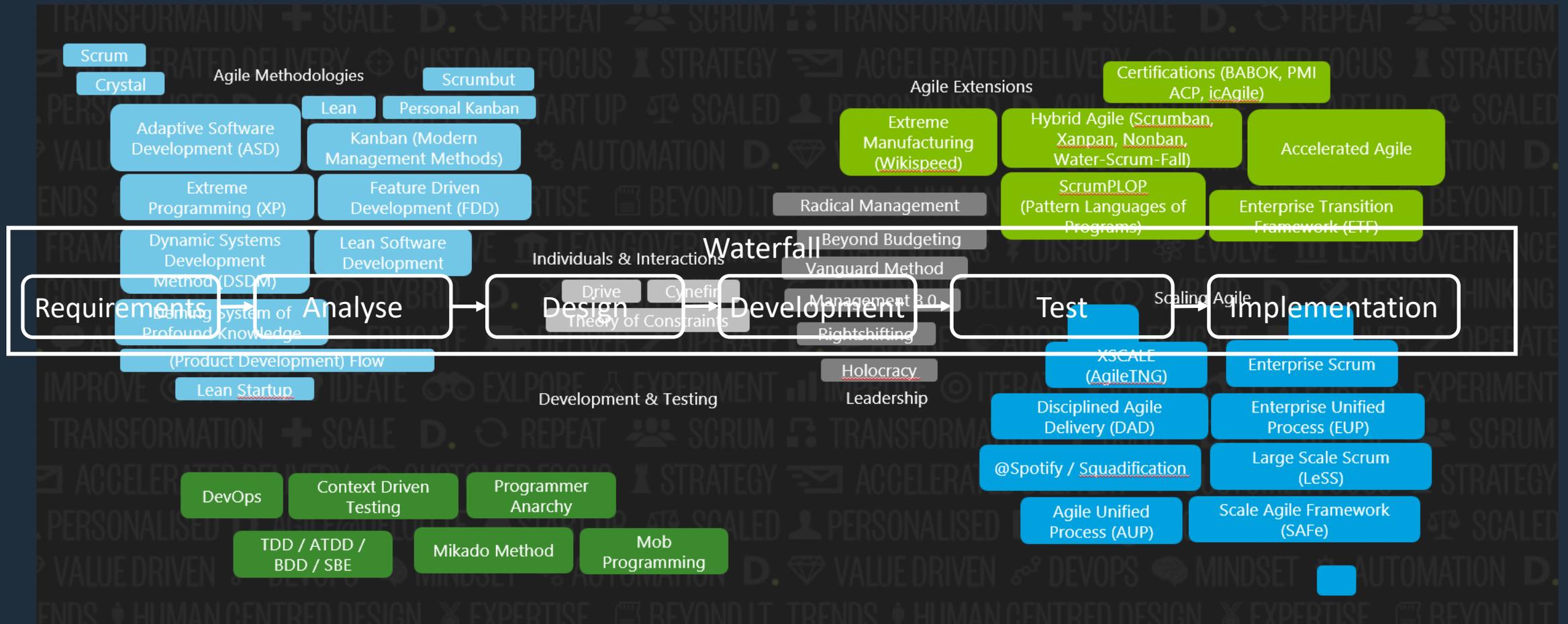
312 Product Lines



Driving Digital Transformation with four focus areas



How we as a agile situation in development was simple



Number of tools increasing

PERIODIC TABLE OF DEVOPS TOOLS (V2) (V1) [EMBED](#) [DOWNLOAD](#) [ADD](#)

1 Fm Gh Github																	2 Fm Aws Amazon Web Services						
3 Os Gt Git	4 Pd Dm DBmaestro																	5 En Ch Chef	6 En Pu Puppet	7 Os An Ansible	8 En Sl Salt	9 Os Dk Docker	10 Pd Az Azure
11 Fm Bb Bitbucket	12 Os Lb Liquibase																	13 Os Ot Otto	14 En Bl BladeLogic	15 Os Va Vagrant	16 Fr Tf Terraform	17 Os Rk rkt	18 En Gc Google Cloud Platform
19 Os Gl GitLab	20 En Rg Redgate	21 Os Mv Maven	22 Os Gr Gradle	23 Os At ANT	24 Os Fn FitNesse	25 Fr Se Selenium	26 Os Ga Gatling	27 Fr Dh Docker Hub	28 Os Jn Jenkins	29 Pd Ba Bamboo	30 Os Tr Travis CI	31 Pd Gd Deployment Manager	32 Os Sf SmartFrog	33 Os Cn Consul	34 Os Bc Bcfg2	35 Os Lxc Linux Containers	36 En Rs Rackspace						
37 Os Sv Subversion	38 En Dt Datical	39 Os Gt Grunt	40 Os Gp Gulp	41 Os Br Broccoli	42 Fr Cu Cucumber	43 Os Cj Cucumberjs	44 Fr Qu Qunit	45 Os Npm npm	46 Fm Cs Codeship	47 Pd Vs Visual Studio	48 Fm Cr CircleCI	49 Fr Cp Capistrano	50 Fr Ju JuJu	51 Os Rd Rundeck	52 Os Cf CFEngine	53 Fr Ds Swarm	54 Os Op OpenStack						
55 En Hx Helix	56 En Dp Delphix	57 Fr Sb sbt	58 Os Mk Make	59 Os Ck CMake	60 Fr Jt JUnit	61 Fr Jm JMeter	62 Fr Tn TestNG	63 Os Ay Artifactory	64 Fm Tc TeamCity	65 Fm Sh Shippable	66 Os Cc CruiseControl	67 En Ry RapidDeploy	68 Fm Cy CodeDeploy	69 En Oc Octopus Deploy	70 En No CA Nolio	71 Os Kb Kubernetes	72 Fm Bx Bluemix						
73 En Cw ISPW	74 En Id Idera	75 Os Msb MSBuild	76 Os Rk Rake	77 Fr Pk Packer	78 Os Mc Mocha	79 En Xltv XL TestView	80 Os Jm Jasmine	81 Os Nx Nexus	82 Os Co Continuum	83 Fm Ca Continua CI	84 Pd So Solano CI	85 En Xld XL Deploy	86 En EB ElasticBox	87 Fm Dp Deploybot	88 En Ud UrbanCode Deploy	89 Fr Fl Fleet	90 En Os OpenShift						

- Os Open Source
- Fr Free
- Fm Freemium
- Pd Paid
- En Enterprise
- SCM
- CI
- Deployment
- Cloud / Iaas / Paas
- BI / Monitoring
- Database Mgmt
- Repo Mgmt
- Config / Provisioning
- Release Mgmt
- Logging
- Build
- Testing
- Containerization
- Collaboration
- Security



Follow @xebialabs

91 En Xlr XL Release	92 En Ur UrbanCode Release	93 En Bm BMC Release Process	94 En Hp HP Codar	95 En Au Automic	96 En Pl Plutora Release	97 En Sr Serena Release	98 Pd Tfs Team Foundation	99 Fm Tr Trello	100 Pd Jr Jira	101 Fm Rf HipChat	102 Fm Sl Slack	103 Fm Fd Flowdock	104 Pd Pv Pivotal Tracker	105 En Sn ServiceNow
106 Os Ki Kibana	107 Fm Nr New Relic	108 Os Ni Nagios	109 Os Zb Zabbix	110 En Dd Datadog	111 Os El Elasticsearch	112 En Ss StackState	113 En Sp Splunk	114 Fm Le Logentries	115 Fm Sl Sumo Logic	116 Os Ls Logstash	117 Os Gr Graylog	118 Os Sn Snort	119 Os Tr Tripwire	120 En Ff Fortify

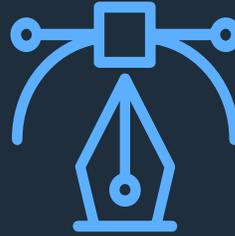


Key challenges from our customers on DevOps



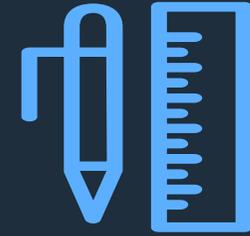
60%

More than half of European enterprises utilize DevOps today



40%

Less than half of large European enterprises can scale DevOps



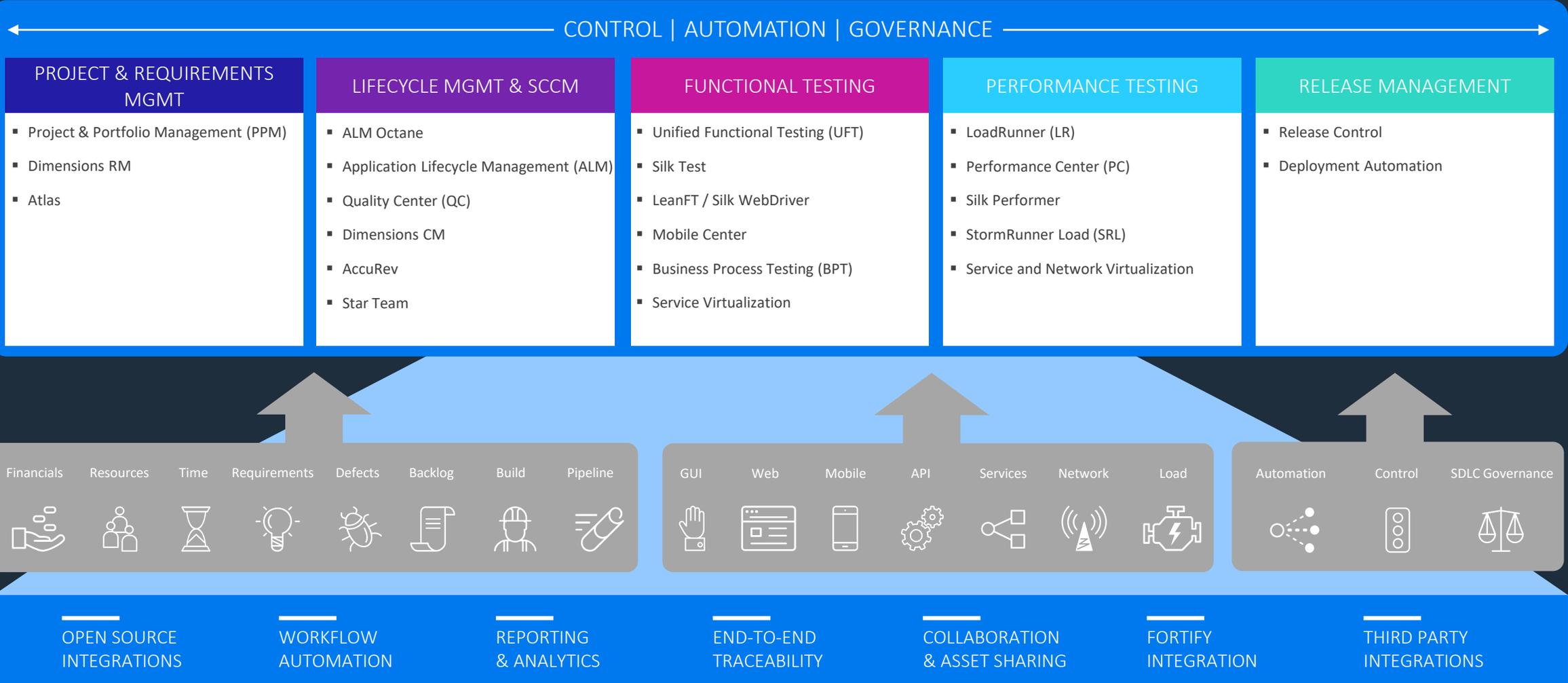
31%

Only a third of the app estate is currently developed and deployed using DevOps

Micro Focus | View on Enterprise DevOps



Application Delivery Management Portfolio



Application Modernization and Connectivity Portfolio

Application Modernization and Connectivity

Lower cost and improve delivery speed for core business systems by modernizing current technology and processes

Starting Fresh without Starting Over
Modernizing core business systems to unlock incremental value



Extra!
Reflection
InfoConnect
Rumba, ZFE
Verastream
Databridge



Analyzer
Developer
Test Server
Ent Server
ChangemanZMF

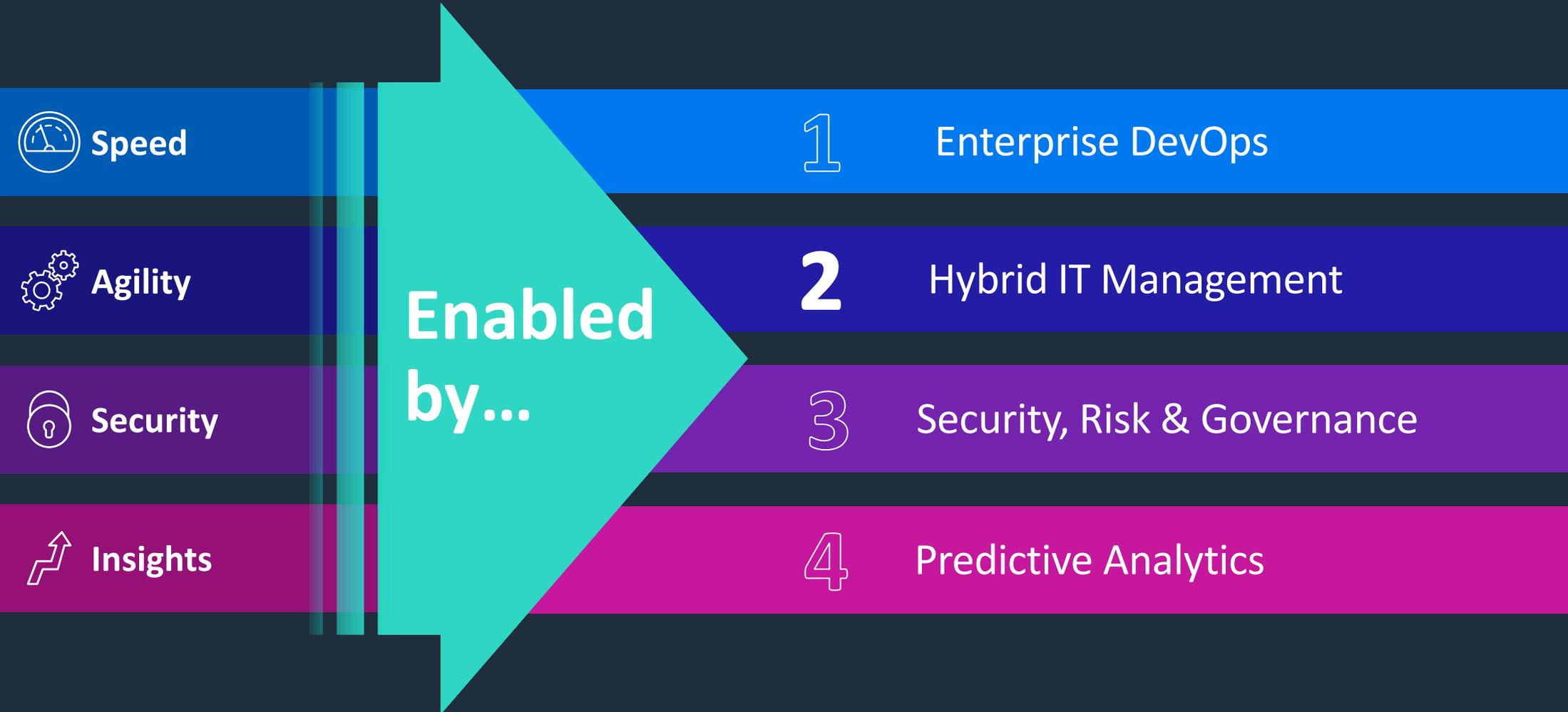


Visual COBOL
COBOL Analyzer
MF COBOL
AcuCOBOL
RM/COBOL



Artix
OpenFusion
Orbacus
Orbix
VisiBroker

Driving Digital Transformation with four focus areas



Key challenges from customers on Hybrid IT



+80%

of IT budget is still spent
on business operation



68%

of new deployments will
be off-premise by 2020



40%

large enterprise will
combine big data and
machine learning
functionalities by 2022

Source: Deloitte Insights -- Technology budgets: From value preservation to value creation

Source: 2018 IDG Cloud Computing Survey

Source: Gartner AIOps (2017)

Again everything is not that easy

Periodic Table of ITOps Tools																	
PRIMARY FUNCTION																	
Help / Service Desk				MDM		SIEM		Release Mgmt									
Knowledge Management				ITIM		AIOps		Deployment									
Client Management				APM		ITSA		IDM / IAM									
Log Management				DEM		ITSM		SAM / ITAM									
Network Monitoring				ITOA		CM		WTF									
1															2		
3	4										5	6	7	8	9	10	
11	12																
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90

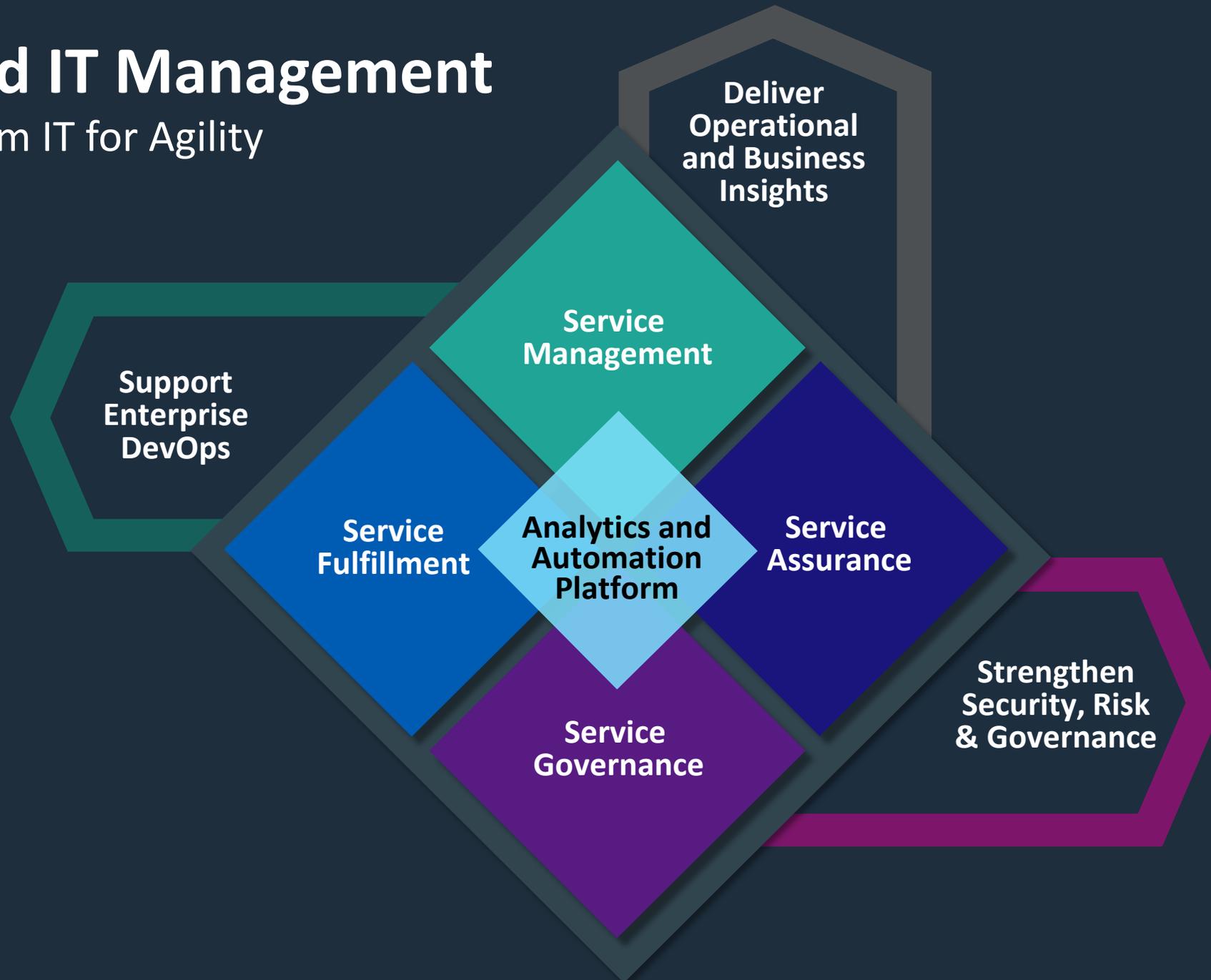
nexthink

Follow Follow

91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
106	107	108	109	110	111	112	113	114	115	116	117	118	119	120

Hybrid IT Management

Transform IT for Agility





Search in Human Resources

Human Resources



HUMAN RESOURCES

Provides employee lifecycle and payroll services.

FEATURED

OFFERINGS

ARTICLES



Can I continue to use FMLA for leave due to my chronic serious health cond...

(LEAVE AND ABSENCE MANAGEMENT)

Can I continue to use FMLA for leave due to my chronic serious health condition...



Change personal details

(EMPLOYEE LIFECYCLE SERVICE)

Change personal information:DescriptionDistinguished nameYour mobile phone and office phoneY...



FMLA Eligibility

(LEAVE AND ABSENCE MANAGEMENT)

How Do I Know if I'm Eligible for FMLA...



Check leave egibility

(LEAVE AND ABSENCE MANAGEMENT)

Check leave egibility



FMLA Qualifications

(LEAVE AND ABSENCE MANAGEMENT)

What Sorts of Situations Qualify for FMLA Leave...



Employee business card

(EMPLOYEE LIFECYCLE SERVICE)

Request a business card. HR will validate the input information. The business card will be delivere...



How much notice must an employee give before taking FMLA leave

(LEAVE AND ABSENCE MANAGEMENT)

How much notice must an employee give before taking FMLA leave...



Employee checkout

(EMPLOYEE LIFECYCLE SERVICE)

Request employee checkout in case the employee decides to leave company. Provide a reason.



January 2016

(LEAVE AND ABSENCE MANAGEMENT)



Employee office move

(EMPLOYEE LIFECYCLE SERVICE)

Service Management Products

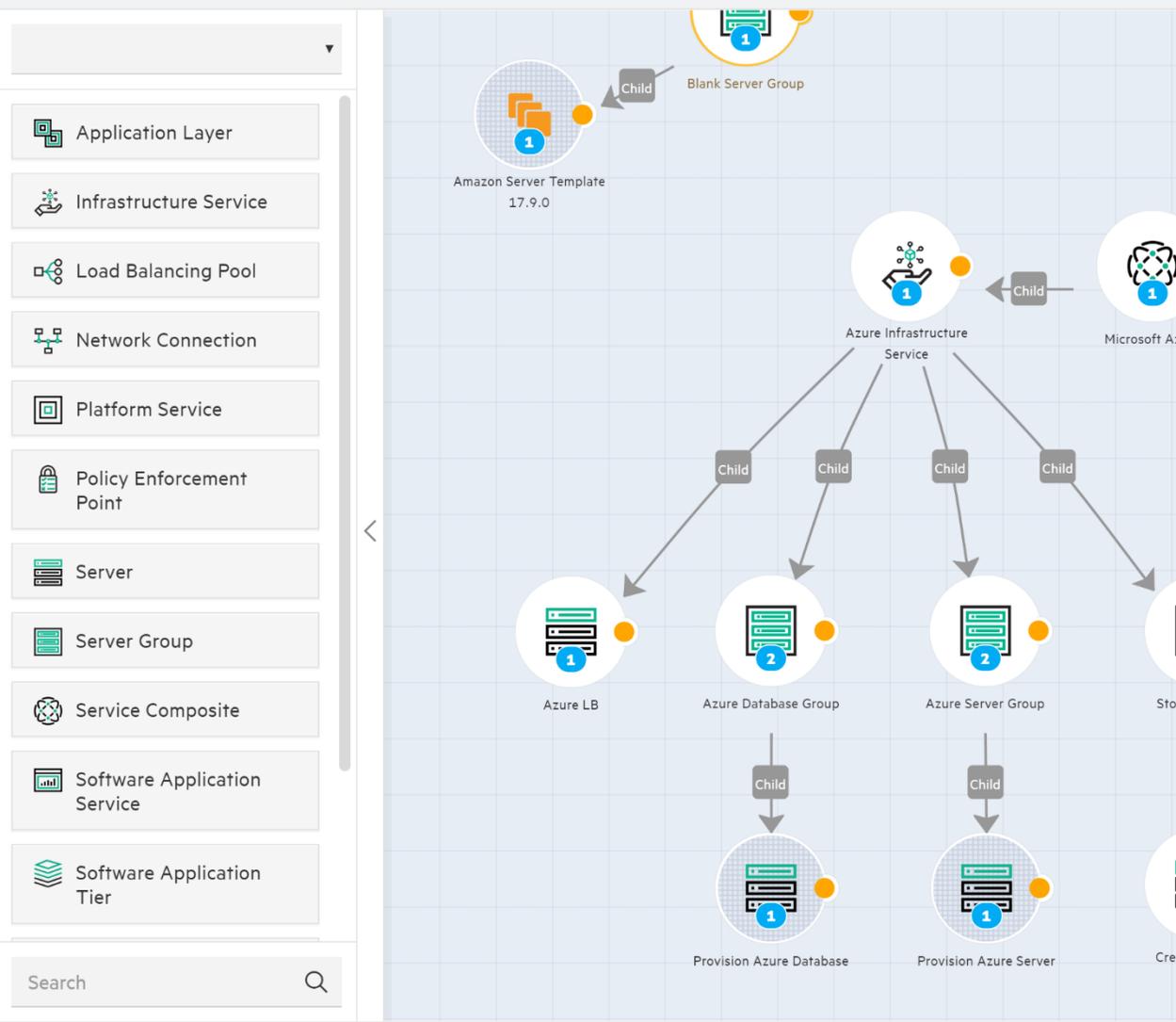
SMA-X

Configuration Management

Universal Discovery

Multi Tier Hybrid Cloud Service (1.2)

- OVERVIEW
- DESIGNER**
- SUBSCRIBER OPTIONS
- SERVICE OFFERINGS
- UPGRADABILITY
- DEPLOYMENTS



Service Fulfillment Products

Hybrid Cloud Management

Operations Orchestration

PlateSpin

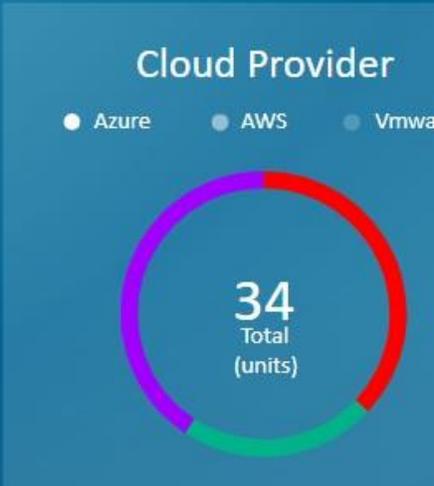


Cloud Se



Application

  Office 365

  Postgres



Service Assurance Products

Operations Bridge

SiteScope APM

AppManager

Network Operations Manager

138

Clients



242.39 TB

Total Data Protected

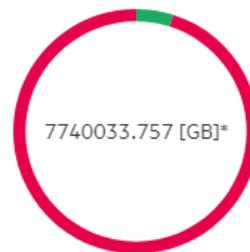
FAVORITES

Session Status

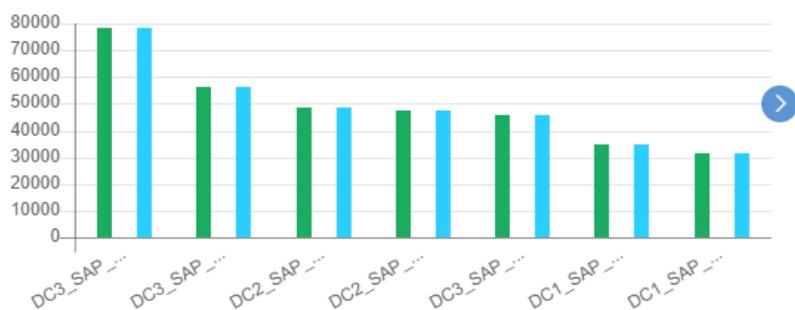


Data Under Protection

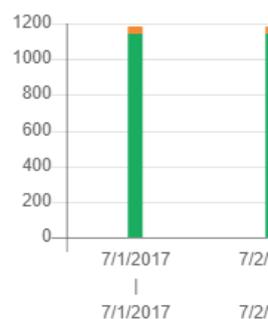
Consolidated



List of Pools



Session Per Time And Stat



Service Governance Products

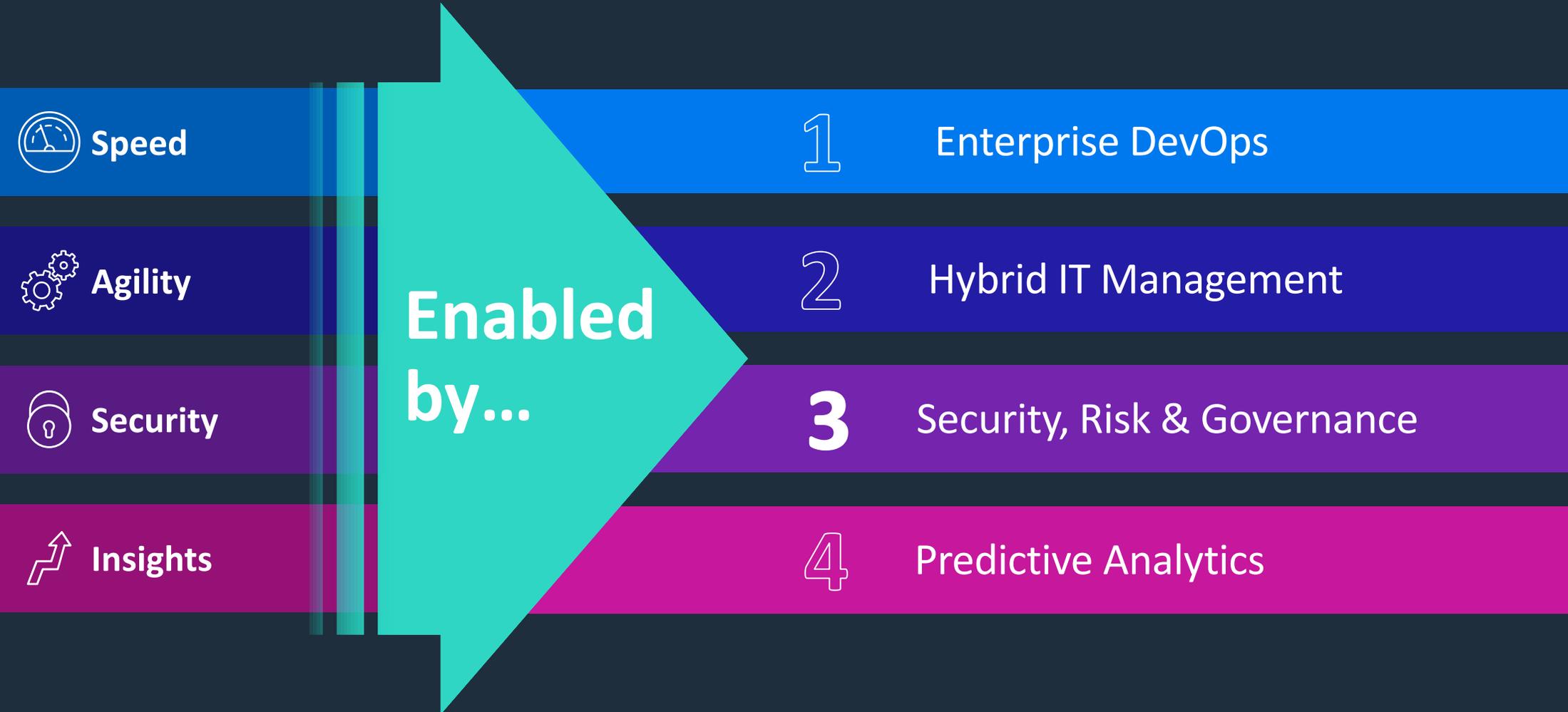
Data Center Automation

Network Operations Management

Data Protector

Hybrid Cloud Management

Driving Digital Transformation with four focus areas



Key challenges from our customers on Security, Risk and Governance



78_{days}

the median dwell time. i.e. the time from compromise to detection



3.2_{Million}

unfilled cybersecurity jobs due to skill shortage by 2021



70

The average number of security solutions implemented within an organization

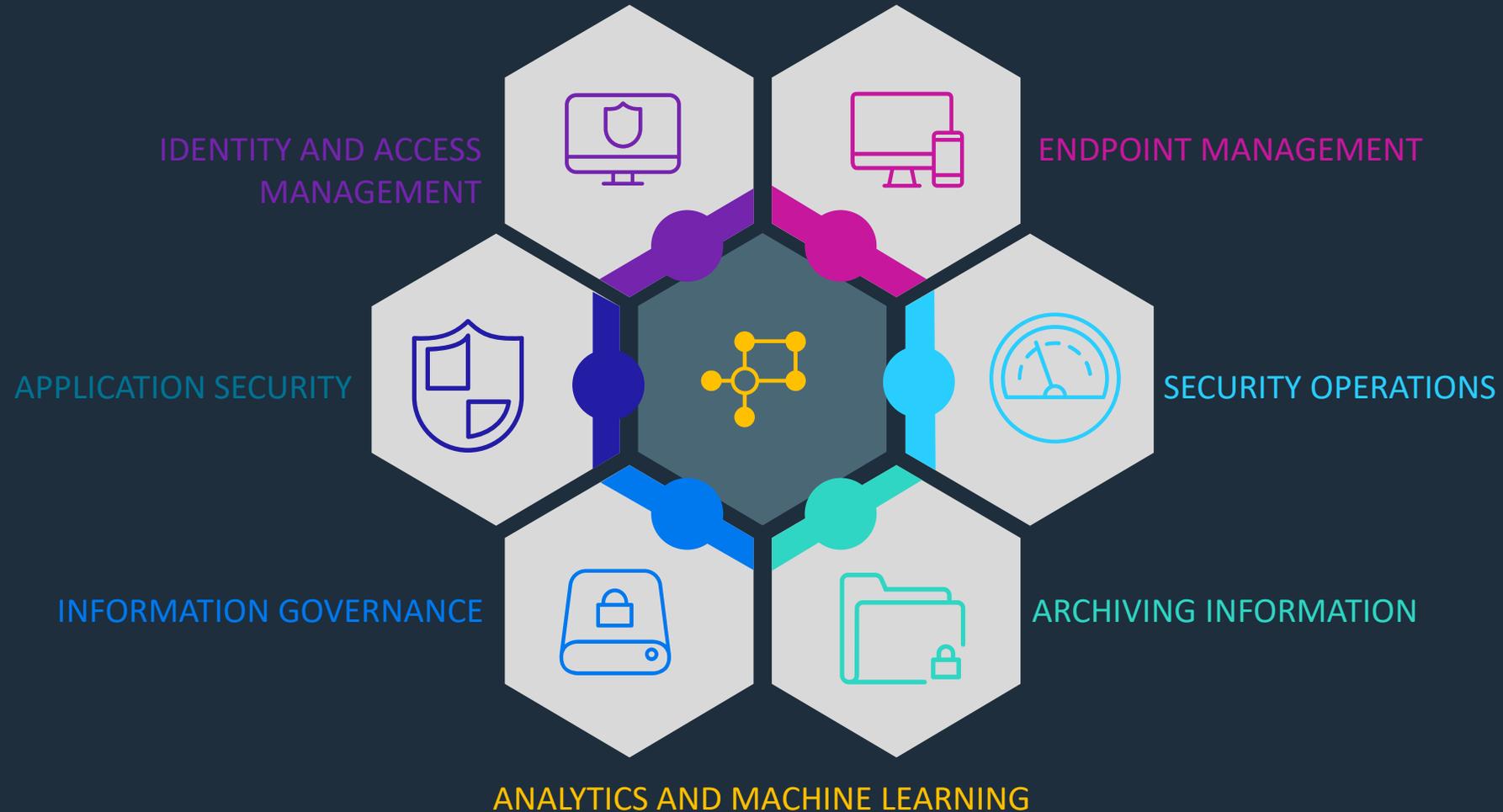
**M-Trends Report, 2019*

**<https://cybersecurityventures.com/jobs/>, 2018*

** <https://blog.apptega.com/too-many-cybersecurity-vendors>, 2016*

Security, Risk, and Governance

- Micro Focus Solutions Portfolio



Micro Focus Solution Portfolio:



SECURITY OPERATIONS

- Arcsight ESM
- Arcsight Investigate
- Arcsight ADP
- UBA

Security, Risk, & Governance



APPLICATION SECURITY

Secure applications by integrating seamlessly with the entire software lifecycle.

Fortify

- Application Security as a Service
- Static Application Security Testing
- Dynamic Application Security Testing
- Continuous Application Monitoring
- Runtime Application Self Protection

Micro Focus Solution Portfolio:



INFORMATION GOVERNANCE

- ControlPoint (Unstructured)
- Structured Data Manager (Structured)
- Voltage SecureData
- Content Manager

Micro Focus Solution Portfolio:



IDENTITY AND ACCESS MANAGEMENT

Govern who has access to what and how they're using it

NetIQ

- Adaptive identity governance
- Identity life-cycle management
- Identity synchronization and reconciliation
- Centralized role management
- Frictionless authentication
- Advanced authentication methods
- User self-service portal
- Privileged identity management
- File integrity, configuration, and change monitoring

Micro Focus Solution Portfolio:



ARCHIVING INFORMATION

- Digital Safe
- Retain

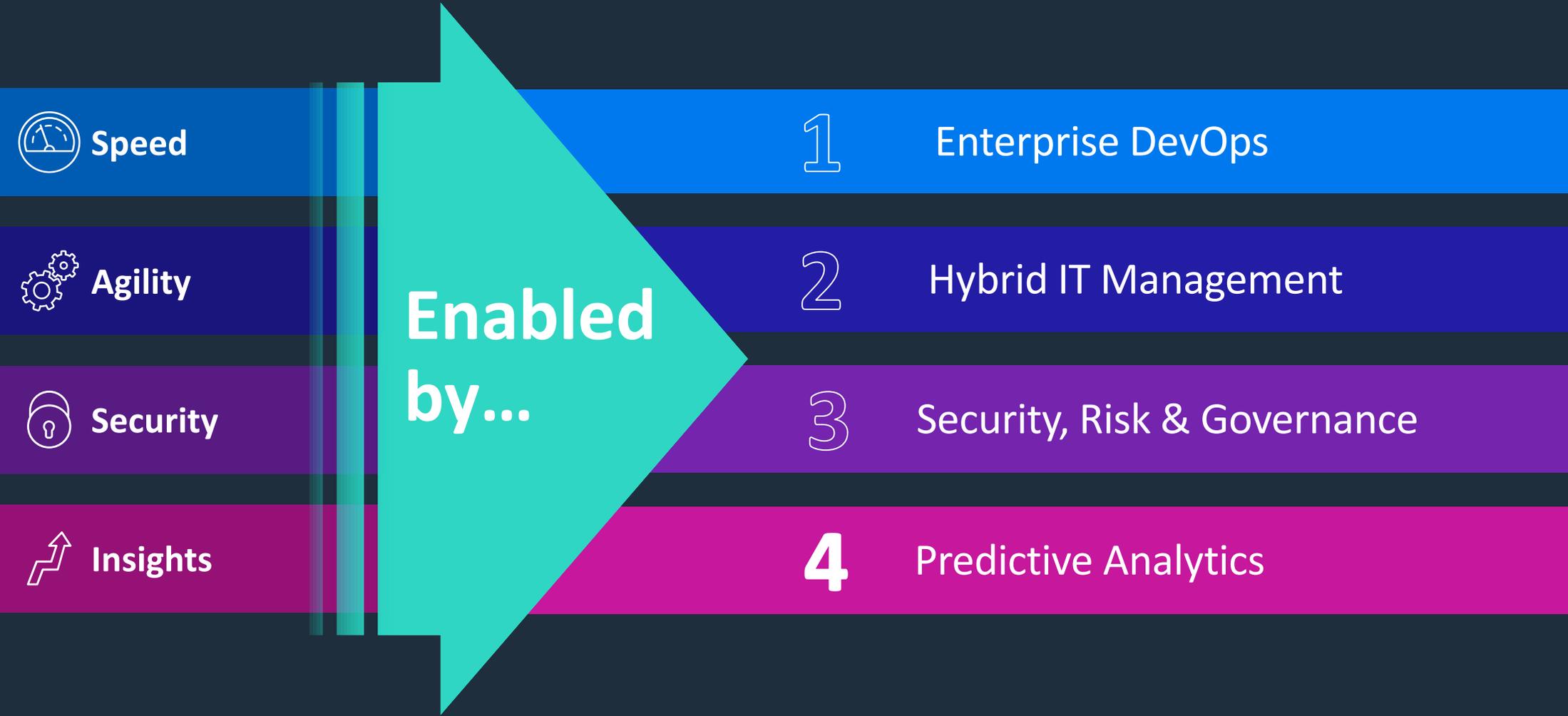
Micro Focus Solution Portfolio:



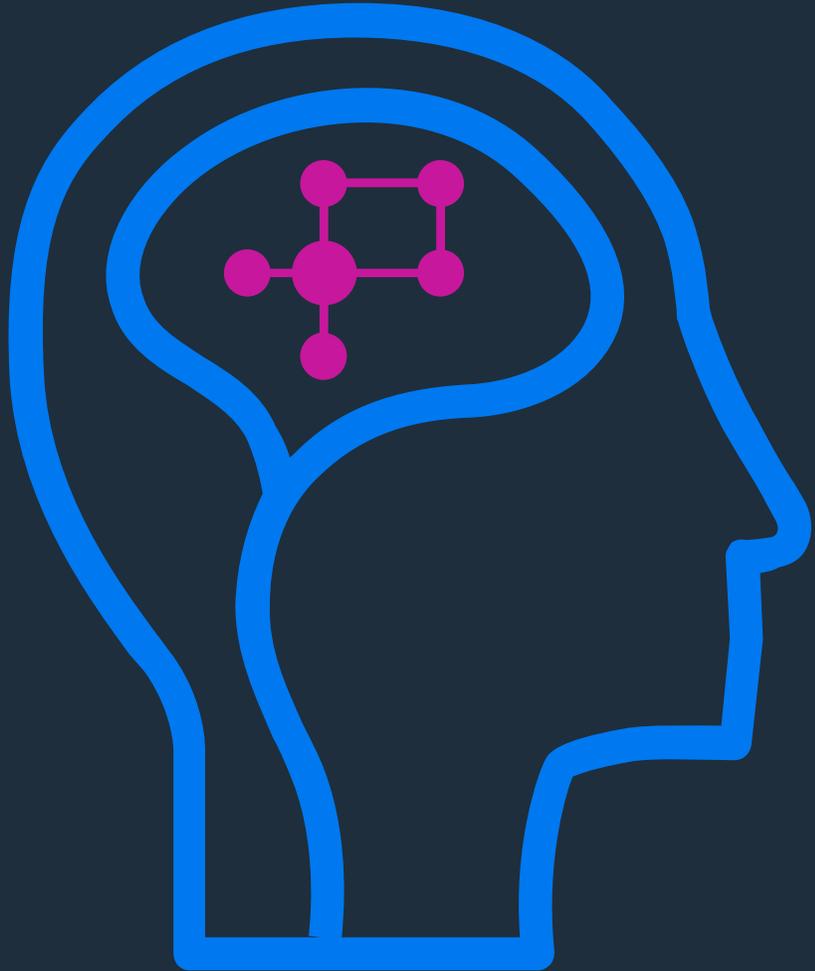
ENDPOINT MANAGEMENT

- ZenWorks
 - Lifecycle management
 - Patching & containerization
 - Application virtualization
 - Mobile & server management
 - USB & removable device security
 - Firewall security
 - Advanced port security
 - Wireless network security

Driving Digital Transformation with four focus areas



Analytics and Machine Learning Everywhere



Detect unknown
without manual rules



Unstructured data
classification



Control business risk
and protect IP



20% = 32 ZB

Of the data created will be critical to daily life and the smooth running of government and business by 2025

2X

Companies that use advanced analytics and machine learning are twice as likely to be top quartile financial performers

**Forbes, Big Data Unleashes Business Opportunity, 2016*

**Bain & Company, Creating value through Advanced Analytics, 2015*

** Seagate International Data Corporation*

Successful Data Disruptors all have one thing in common... they rely on Vertica

Smart Buildings

5:30am



Vertica is correlating real-time weather information with inside air temperature and humidity to deliver just the right amount of heat as efficiently as possible.

Social Media

7:00am



Vertica is analyzing millions of tweets and trending stories so people can catch up on daily news, stay in touch with their network, and retweet their favorite posts.

Ride Share

8:30am



Vertica is crunching data on supply and demand to match ride-seekers with quick and cost-effective ride options. With just a few clicks, drivers arrive at doors all over the US.

Customer Analytics

10:00am



Vertica is analyzing the latest customer information and account activity to identify the behavioral indicators that predict a high likelihood of churn.

Network Optimization

11:15am



Vertica is analyzing millions of anonymized call detail records so communication service providers can optimize network activity and ensure maximum uptime.

Predictive Maintenance

2:10pm



Vertica is embedded in manufacturing intelligence software to analyze operational data, detect production problems, and perform root cause analysis in the manufacturing process.

Route Optimization

5:25pm



Vertica is analyzing traffic patterns and rider demand so public transport authorities can optimize bus routes and get people home from work on-time.

Wearable Analytics

6:10pm



Vertica is capturing activity data from smart watches and comparing it against demographic information so athletes can compare their performance with peer groups.

Smart Agriculture

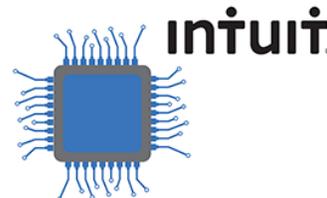
7:15pm



Vertica is powering smart agriculture applications using sensor data analytics so food is harvested at peak time with as minimal resource inputs as necessary.

Software Optimization

8:00pm



Vertica is analyzing telemetry data to understand detailed customer interactions and ensure a seamless software user experience.

Clickstream Analytics

9:20pm



Vertica is tracking clickstream data from leading e-commerce websites to optimize customer purchasing experiences and provide customized product recommendations.

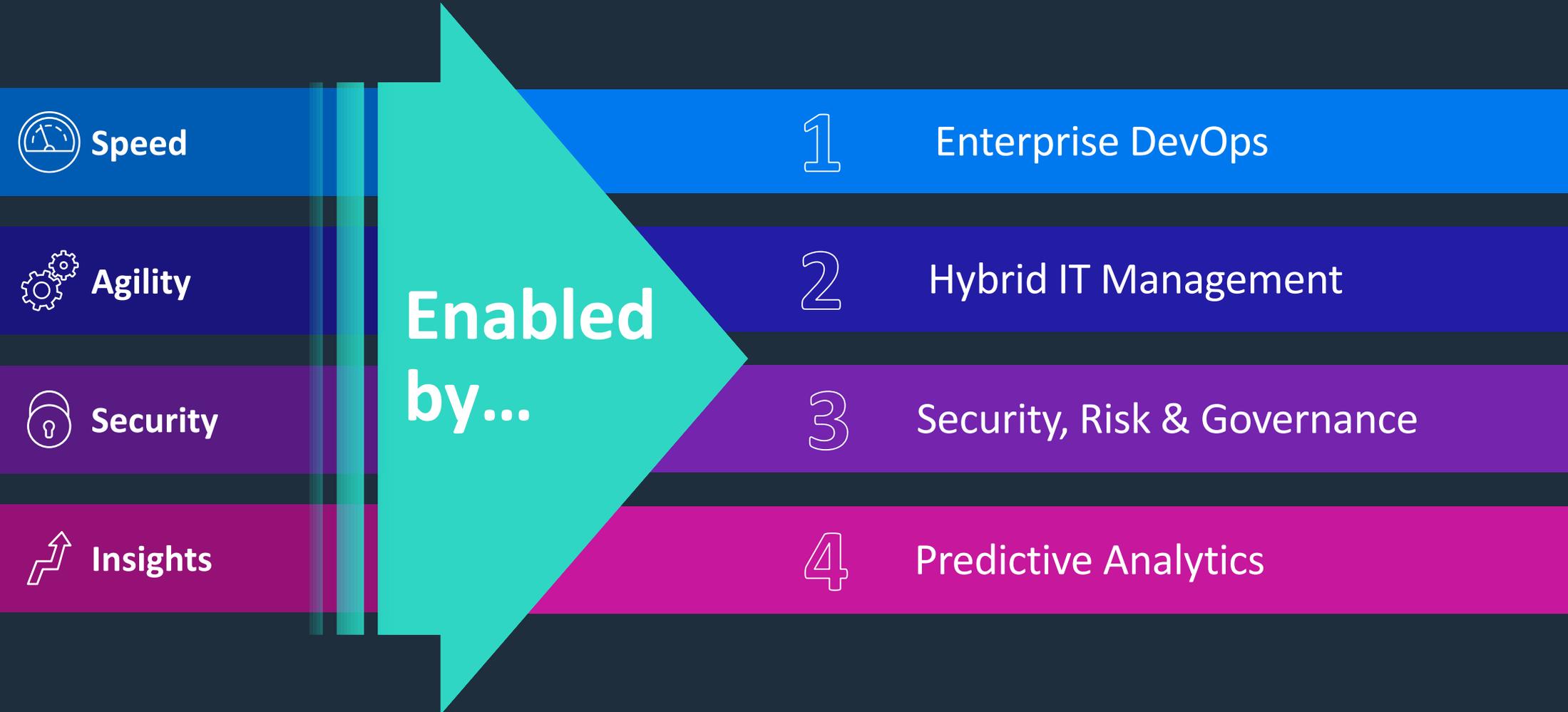
Security Analytics

2:00am

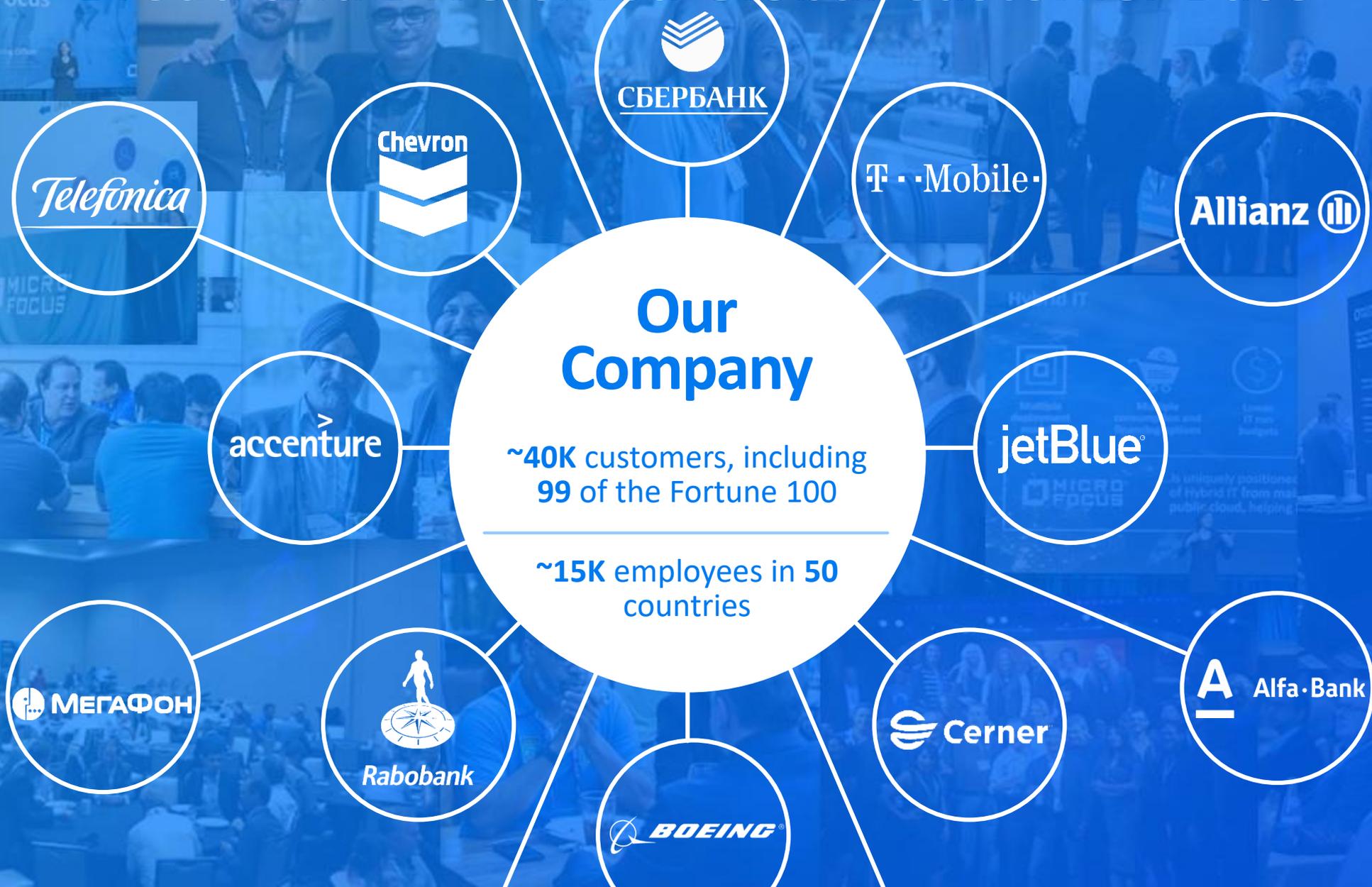


Vertica is embedded in cybersecurity software, ingesting and analyzing millions of events around the clock to detect network anomalies and ensure effective endpoint security.

Driving Digital Transformation with four focus areas



Broad and Diversified Global Customer Base





MICRO[®]
FOCUS