



DATA CLOUD EUROPE 2018

GLOBAL CONGRESS & EXHIBITION

MONACO, 12-14 JUNE



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#DCE18

www.datacloudcongress.com

Opening hours	Wednesday 13 June: 08:00 - 19:00 Thursday 14 June: 08:00 - 16:00
Social Media	 @datacloudEurope #DCE18  broadgroup
MeetMe	 The attendee meeting planner and messaging system is proudly sponsored by MTU Onsite Energy. Use MeetMe to: • See a full list of attendees & companies attending • Target delegates using the advanced search option • Contact attendees to arrange your one-to-one or group meetings • Manage your full schedule for the event Getting started: Step 1: Visit www.meetme.broad-group.com Step 2: Log in using your email and password Step 3: Upload a photo and biography to your profile. Step 4: Start using the system! If you need any further assistance please contact enquires@datacloudEurope.com 
Catering	All catering is included, tea coffee and water are available all day.
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Organiser's Office	This is located in the Ravel foyer at the front of the Exhibition hall.
Toilets	The toilets are situated at the entrance of Ravel.
Wi-Fi 	Free Wi-Fi is available across the venue. SSID: Suir 4 Data Centre Password: SuirEng84
Taxis	With professional and English speaking drivers, the private sedan, van or shuttle service will get you quickly to your destination at a reasonable rate, negotiated especially for this particular event, and fixed, even in case of flight delays or heavy traffic on the road. For special rates book on: www.easytransferiviera.com/event/datacloud-europe-2018 Helicopter: Upon receipt of your request, you will receive a confirmation by mail with all related costs, pick up times. The service is granted upon receipt of the full prepayment. Kindly note in case of bad weather condition a ground transfer will be provided. www.easytransferiviera.com/easy-transfer-riviera/index.cfm/event/datacloud-europe-2018/helicopter

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- Do not enter into agreements that may restrict other parties' actions or creates barriers to market entry
- Do not discuss or exchange information on pricing, business plans or any other confidential or commercially sensitive information.

A warm welcome to Monaco and to Datacloud Europe 2018!



We are delighted to welcome you again to our 5th year in Monaco, the premier forum for data centre, hosting, cloud, and edge players, their customers and investors.

Our principal aim is to provide both critical content that can inform the latest in business and technology intelligence as well as high-level networking that generates real tangible commercial outcomes.

This year’s event begins with two new and exciting additions: a pan-European ISP Summit sponsored by Huawei Technologies and the Enterprise Cloud Forum both of which are focused on the way in which the data centre is being rapidly transformed.

The 11th Datacloud Awards again takes place in the stunning Salle des Etoiles in Monte Carlo, to recognize innovation and excellence in data centre, cloud, edge, energy and individual achievement. I would like to offer my personal congratulations to all those shortlisted and the winners. We would encourage all attendees to consider nomination for our expanded 2019 ceremony!

The dialogue in Monaco informs our programme of events across the following 12 months which includes current and new locations including Dublin, Marrakech, and Copenhagen. We have also launched a new event series, Edge, which takes place in Austin Texas 24-25 October. More announcements will follow.

Datacloud events remain the foremost networking and business deal making forums for data centre, cloud and edge players, their customers, investors and suppliers.

We hope that you find Datacloud Europe is a prodigious opportunity for your business and enjoy the unique and truly exceptional Monaco experience.

Please enjoy, connect with colleagues old and new and most of all do deals!

Philip Low
Chairman
BroadGroup



Programme	30
Exhibition Floorplan	40
Sponsors	42
Speakers	44

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WHEN THE CLOUDS PART HOW TO BETTER MANAGE MIXED DATA CENTER ENVIRONMENTS

Speaking Session June 13 – 12:30 pm
Main Theatre



Ofer Lior

Business Executive
Data Center Management Solutions
Intel Corporation

On-premise or off, you have powerful tools available to maximize the value of your infrastructure and you demand more visibility and operational control. Fortunately, data center management tools keep a vigil on memory contestation, power, thermal consumption, server health, and utilization, allowing better control no matter your cloud's shape.

In this session, learn how Intel software tools enable real-time monitoring and precise management to lower operational costs and optimize infrastructure for today even as you're forecasting for tomorrow.

www.intel.com/dcm

* Restrictions apply. Contest does not include India where the drone can not be purchased. Your information may be used to contact you regarding Intel Product and Services.

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Meet us at **booth 52**

Learn more: [VertivCo.com/Edge-EU](https://www.vertivco.com/Edge-EU)



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At Datacloud Europe, we at Siemens will showcase our answers to today's market challenges and trends.

[siemens.com/datacenters](https://www.siemens.com/datacenters)

Meet **STULZ**
at booth
number 41

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www.stulz.de/en/cyberhandler-2



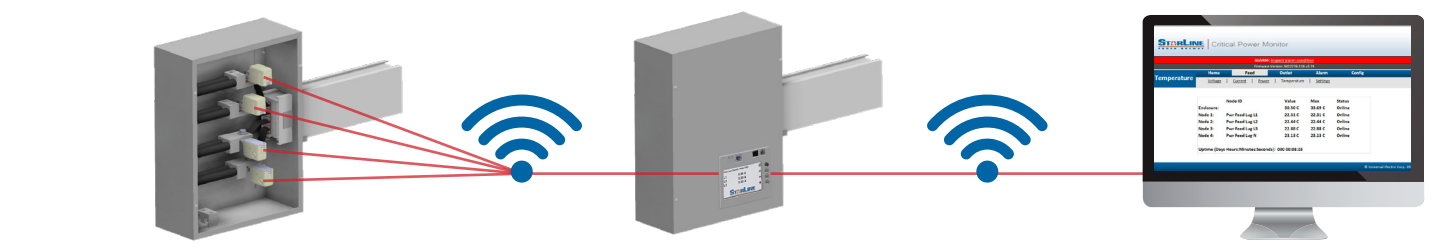
**Still manually
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**Switch to automated
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Node 2:	Pwr Feed Lug L2	22.44 C	22.44 C	Online
Node 3:	Pwr Feed Lug L3	22.88 C	22.88 C	Online
Node 4:	Pwr Feed Lug N	23.13 C	23.13 C	Online
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IN MONACO
12-14 JUNE 2018
BOOTH 45

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Global Roll-out Plan

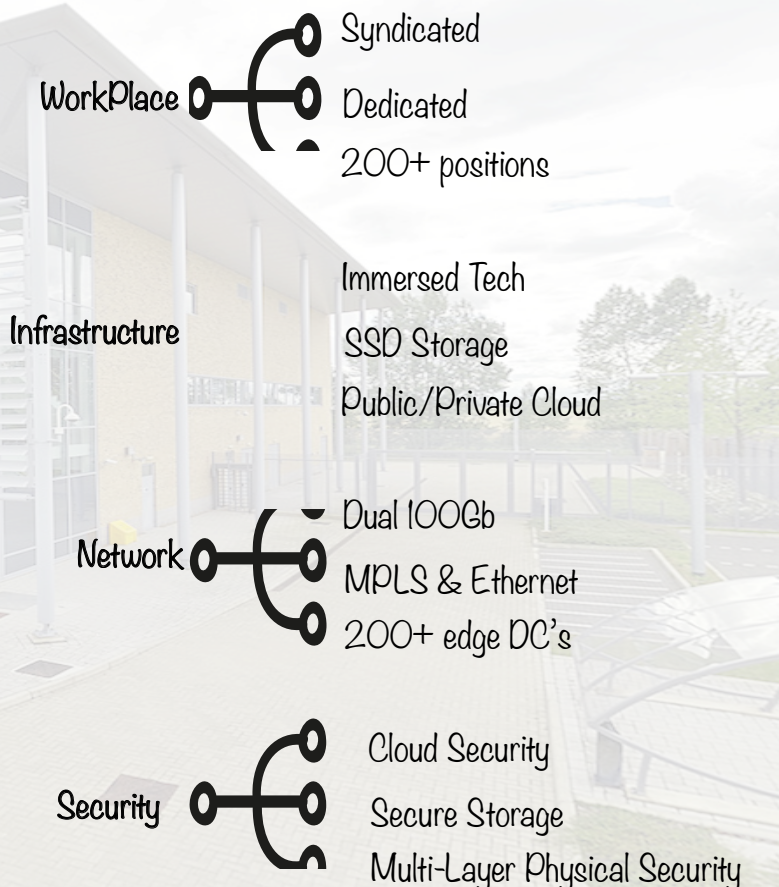


Technology at the 



VMW OnApp

True Cloud



In Partnership



Join us on stand 82



EUROPEAN DATA CENTRE ASSOCIATION

Bringing European
Data Centres Together

<https://www.eudca.org>

POLICY

Do you want to be at the table ...
or on the menu?



MARKETING

Do you have access to a global
marketing platform ... or would
you like to use ours?

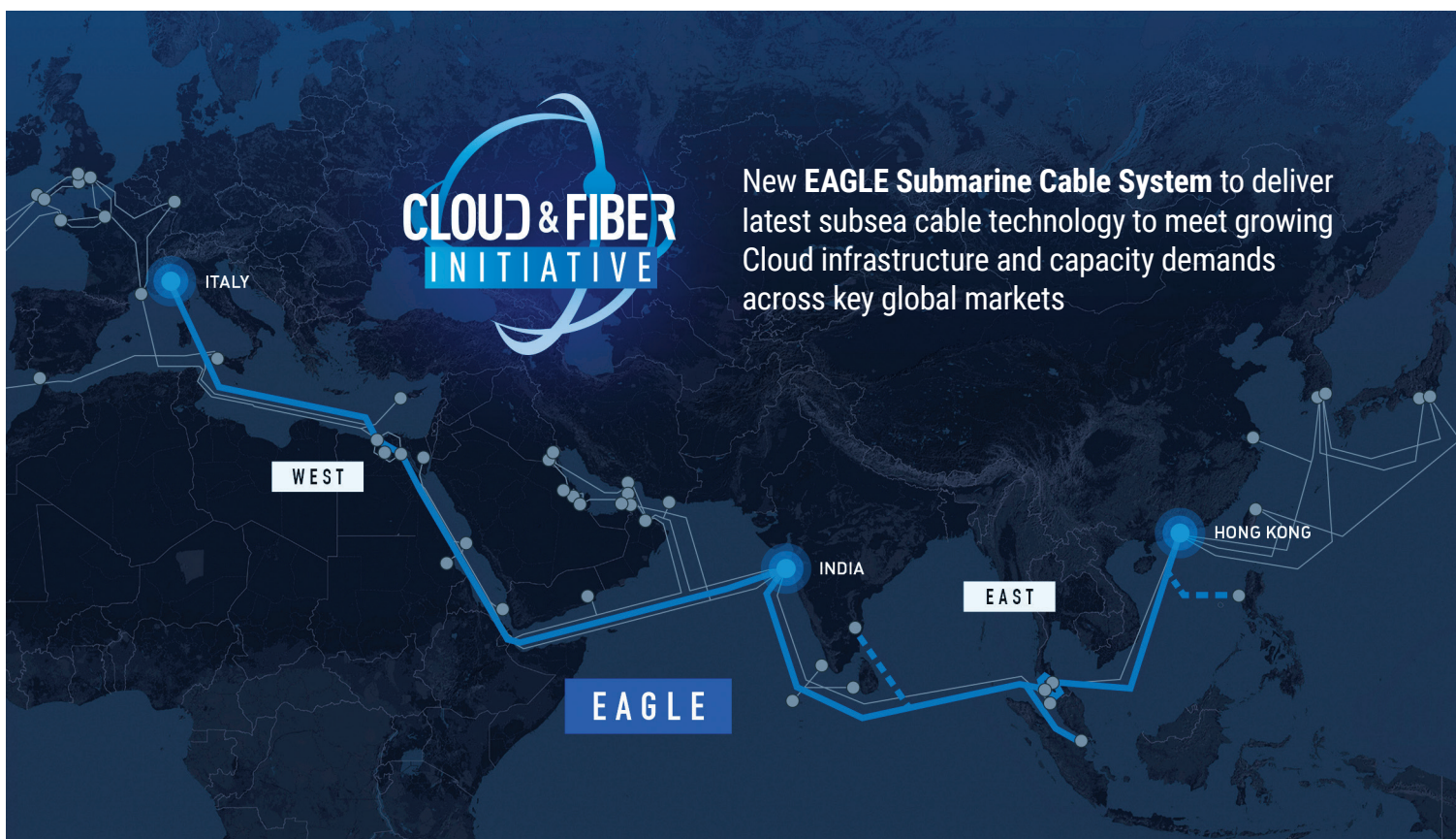


The European Data Centre Association (EUDCA) represents
the interests of the European commercial data centre operator
community, both politically and commercially.

Through our work at a European level we are helping to shape
the data centre industry of the future.

Our global marketing platform means that our members gain
exposure into markets that would otherwise be unreachable.
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Established in 2011 under Belgian Royal Decree, the EUDCA is an
association run by its members, for its members.



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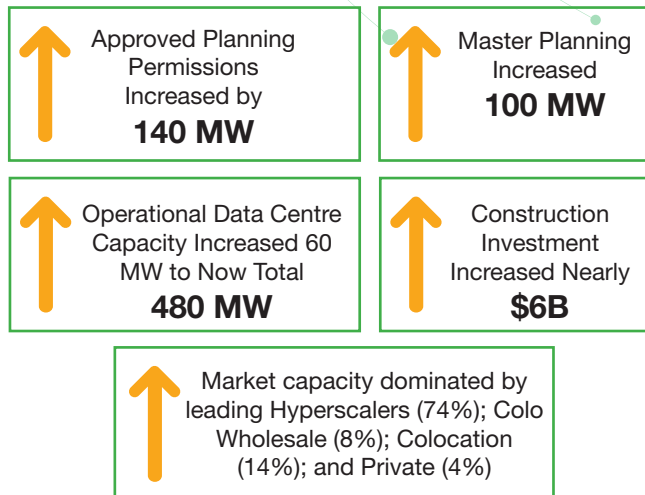
colt
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Host in Ireland is a strategic global initiative created to increase awareness of the benefits of hosting digital assets in Ireland. Meet with us and our premier partners at Datacloud Europe to learn why Ireland is an optimum location to host your data.

Irish Market Developments since 2017*:



Be sure to stop by the Host In Ireland Pavilion in the Exhibition Hall to visit five of our Premier Partners:



Check out the map to see where some of the Host In Ireland partners are located:

	Booth #
CBRE	79
Commscope	84
Mercury Engineering	91
Schneider Electric	90
Siemens/Atos	89
Starline	60
Tate	78

*Host in Ireland / Bitpower. 2018, April. Ireland's Data Hosting Industry 2018 Q1 Update.

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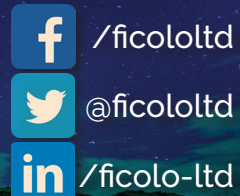
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Meeting room E

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Shared innovation

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Enterprise Cloud Forum

12

JUNE 2018

CENTRAL THEATRE

Critical Infrastructure Strategy

[@datacloudEurope](#)

Opening Keynote Presentation



Dean Nelson
Head of Compute, Uber

Dean Nelson speaking at Datacloud 2017

09:00 Registration Opens

10:00 Chairman's Opening Remarks

Ivo Brook, Head of Content, BroadGroup

10:10 Opening Keynote Presentation

Uber serves over 600 cities world-wide completing billions of trips every year. At this year's Enterprise Cloud Forum, Dean Nelson, Head of Uber Compute, will share Uber's reference architecture that aligns data center, hardware, and network elements to deliver on-prem, on-demand Metal as a Service in tandem with multiple cloud partners.



Dean Nelson
Head of Compute, Uber

10:40 The Path to Transformation with Hybrid Cloud

Cloud-enabled transformation has evolved from cost saving measure to business innovation strategy - one that combines the cloud with cognitive capabilities to drive market disruption. This session explores the insight and agility you need to gain a competitive advantage; The foundational principles for a single hybrid cloud architecture; The essential attributes to enable business growth and innovation on the cloud; How microservices and cloud-based APIs can accelerate your innovation; Why existing data sources are so critical to your success; How DevOps and Containers can deliver new services around cognitive, machine learning and IoT; Roadblocks to avoid on your path to transformation.

Shankar Kalyana, IBM Fellow, CTO for Cloud Consulting Services, IBM

- 11:10 The New World of Enterprise Blockchain, Cloud and Cryptocurrencies in Our Data Centers**
Kelly LeValley Hunt, Global Vice President Sales at BlockApps, will discuss what is a blockchain, use cases for blockchains in the enterprise space, how are enterprises adopting private blockchains, what is the difference between cryptocurrency and blockchain, how our data centers power these "miners," and what's next?
Kelly LeValley Hunt, Global VP Sales, BlockApps
- 11:40 The Evolving Cloud Security Landscape**
Alessandro Perilli, GM, Management Strategy, Red Hat Inc.
- 12:10 Lunch**
- 13:40 Case Study: The Enterprise at the Edge**
Zaid Ali Kahn, Senior Director, Infrastructure Engineering, LinkedIn
- 14:10 What does it mean to be Cloud agnostic and what do you get?**
The objective of becoming Cloud agnostic raises specific challenges of security, maintaining your infrastructure principles and compliance according to regulation, i.e. GDPR. This triangle forces the establishment of proper deployment and configuration in in order to balance Cloud objectives with other imperatives.
Mustafa Öztürk, CIO, Enovos, Luxembourg S.A.
- 14:40 Vendor management and infrastructure in the video games industry**
Cheap to start, quick to build, easy to run, highly available, low latency, scalable in seconds, feature-rich and resilient under the highest of loads - many XaaS vendors promise you all of the above (and more).
Emanuel Schleussinger, Managing Director and Director of Technology, Smilegate Games GmbH
- 15:10 The Enterprise Journey to the Cloud**
Chair: Vijay Mistry, Partner, VIPA DIGITAL
Chris Edmonds, Strategy Director, Worldpay
Des Burke, CEO, Prudential Global Data Services
Seán Moloney, European Data Centre Manager, Great-West Lifeco
Dean Nelson, Head of Compute, Uber
- 15:40 Closing Panel Discussion**
- 16:00 Concluding Remarks and End of Forum**

Upcoming Events this Autumn

BROADGROUP



Datacloud Ireland

Dublin
13 September 2018

Find out more at:
www.datacloudireland.com



Datacloud Africa

Marrakech
28 September

Find out more at:
www.datacloudafrica.com



Edge 2018

Austin
24-25 October

Find out more at:
www.edgecongress.com



Datacloud Nordic

Copenhagen
20 November

Find out more at:
www.datacloudnordic.com



Datacloud Europe 2018

13

JUNE 2018

CENTRAL THEATRE

Critical Infrastructure Strategy

@datacloudEurope

Guest Host for Theatre



Spencer Kelly
Presenter of TV technology programme Click

Spencer Kelly speaking at Datacloud 2017

08:00 Registration Opens

- 09:10 Innovation for Impact: Driving the next 80% improvement in data center energy consumption**
Our research shows that today's data centers are 80% more efficient than those built with technology from just 10 years ago. In the next decade, society will demand more computing power but will not tolerate an increased energy footprint. So, the strategies used in the past will no longer be adequate. The future will require data center disruption. We will examine technologies and bold ideas that may enable us to more fully utilize resources, improve resiliency, minimize energy consumption, and reduce carbon footprint to create the next 80 percent improvement.
Kevin Brown, Senior Vice President of Innovation & CTO, Schneider Electric, IT Division

- 09:30 Data Center Global Leadership Panel**
Introductory Presentation



William Barney
Chairman and CEO, Global Cloud Xchange

Leaders from across the global data center and cloud industry discuss the latest trends, technologies and strategies for the region's industry. Analysing the competitive landscape, views on infrastructure trends, emerging technologies and key developments to watch to define future market strategy.



Chair: Michael Tobin OBE
Industry Entrepreneur



William Barney
Chairman and CEO, Global Cloud Xchange



Jonathan Schildkraut
Chief Strategy Officer, CyrusOne



Bruno Lopez
Group CEO, ST Telemedia Global Data Centres



Avner Papouchado
CEO, Server Farm Realty

- 10:20 The Infrastructure Masons Panel - The Impact of Digital Technologies on Society**
The iMasons lead a discussion of how the unprecedented growth in digital infrastructure has influenced society. Hear about the opportunities and threats as digital infrastructure continues to expand and underpin every aspect of human life.
Can the Center hold?
Data Centers run counter to the decentralization trend - they are very centralized. Eventually everyone will be their own node in a peer to peer consensus based network. Can the Center hold in the context of the rising demand for a no latency life?
Truth and lies in a connected world
Centralized services have fallen short in terms of highly personalized relevancy and trust- we see this with Facebook's algorithms that try to serve all users and their human clean-up efforts requiring an increase from 7500 to over 20000 hired content moderators. In the relentless march toward automation, is "human in the loop" still necessary as a check and balance to bad actors in the system?
Dean Nelson, Founder and Chairman, iMasons
Curt Belusar, iMasons Advisory Council
Dr. Julie M. Albright, Digital Sociologist and iMasons Board Member
- 11:10 The Cloud Has Four Walls**
Sami Badri, Senior Equity Analyst, Credit Suisse
- 11:30 Achieve and Accelerate Digital Revolution with ISP**
Qiu Lei, Vice President of Marketing and Product Solution Sales Department, Huawei Enterprise Business Group
- 11:50 Defining the Edge... From the Market's Perspective**
Rob Johnson, CEO, Vertiv
- 12:10 Leveraging Cloud and IoT Technology to Simplify Hybrid IT Management**
Kim Povlsen, Vice President Digital Services & Data Center Software, Schneider Electric, IT Division
- 12:30 When the clouds part: How to better manage mixed data center environments**
Does the shift from on-premise, private clouds to co-location and public/hybrid clouds demand more visibility and operational control than you think you can deliver? Fortunately, data center management tools keep a vigil on power, thermal consumption, server health, and utilization, allowing better control no matter your cloud's shape. In this session, learn how DCM enables real-time monitoring and precise management to lower operational costs and optimize infrastructure for today even as you're forecasting for tomorrow.
Ofer Lior, Business Executive, Data center Management Solutions, Intel DCM
- 12:50 European Data Center Leadership Panel**
Leaders from the coal-face of Europe's data center and cloud infrastructure leadership analyse growth drivers in the region, the impact of new regulation and emerging technologies and sset their sights on the future of the European data center sector.
Chair: Tim Anker, Founder and Director, Colo-X The Colocation Exchange
Régis Castagné, Managing Director – Southern Europe, Equinix
Rob Coupland, Managing Director, EMEA, Digital Realty
Neil Cresswell, CEO, VIRTUS Data Centres
Annette Murphy, Managing Director, Zayo Europe
Detlef Spang, CEO, Colt Data Centre Services

13:20 Lunch

- 14:00

Afternoon Keynote
Representative, Siemens
- 14:20

Why Nordic Data Centers will be at the Forefront for CIOs and Senior Management
Gisle M. Eckhoff, CEO, DigiPlex
- 14:40

The Future of the Cloud - Enabling AI, IOT and Edge Technologies
Feng Tian, Senior Director of Alibaba Cloud Research and Director, Alibaba Group
- 15:00

Finding Your Edge - What is the Impact of Emergent IT Infrastructure and Technologies on Existing Compute Delivery Models?
Edge computing is heralded as the next great step in digital innovation and consumption, bringing compute capacity closer to the point of the source, away from centralized nodes to the logical extremes of a network. Our panel will discuss what this means for data center and cloud infrastructure and how we must rethink existing paradigms of compute delivery and infrastructure ownership and responsibilities.
Chair: Andrew Jay, Executive Director, CBRE
Rob Johnson, CEO, Vertiv
Mervyn Kelly, Marketing Director, EMEA, Ciena
Phill Lawson-Shanks, Chief Innovation Officer, EdgeConneX
Detlef Spang, CEO, Colt Data Centre Services
Jason Rylands, Head of International Sales, iNNOVO Cloud
- 15:30

Evolving Data Center to meet the needs of more demanding clients
Join Schneider Electric and 4 leading colocation players to discuss how they are changing their approach to meet the needs of end users whose expectations are changing. Enhanced monitoring, new designs capable of supporting integrated racks, Internet of Things, Digital Services are just a few of the requirements that the industry is seeing. Which are real? Which are noise? How do you tell the difference?
Chair: Greg Jones, VP Strategy & Offer Management - Cloud & Service Provider Segment, Schneider Electric
- 16:00

Afternoon Networking Break
- 16:20

Internet Exchange Panel - Exploring the Industry Trends and Strategies
Chair: Kurt-Erik Lindqvist, CMO, LINX; Chairman of the Board, Euro-IX
Thomas King, Chief Innovation Officer, DE-CIX
John Souter, CEO, LINX - The London Internet Exchange
Jesse Robbers, CCO, AMS-IX
Franck Simon, President, France-IX
- 16:50

The Future Data Center - How is The Data Center Ecosystem Evolving?
Chair: Stéphane Piot, Head of Paris office, Analysys Mason
Michael Akinla, Senior Manager, Technical Systems Engineering, EMEA, Panduit
Mike Byrnes, Director - Cloud & Data Center Sales & Services, EMEA, Eaton Electrical
Amy Daniell, Director - Mission Critical, EMEA&I Region, AECOM
Henry Daunert, CCO, NxtVn
Ed Galvin, CEO, DC Byte
Kelly LeValley Hunt, Global VP Sales, BlockApps
- 17:30

End of Day One

THEATRE 2

Finance, Investment and Regulation

Chair: Richard Hall, Chief Executive, Founder, CloudOrigin

- 11:30

State of the Colocation Market Review
An exploration of the key colocation markets and players in the past 12 months - key trends, developments, market drivers and predictions for the year ahead.
Steve Wallage, Managing Director, BroadGroup Consulting

- 11:50

Developing France as a Data Center Hub
After London, Frankfurt and Amsterdam, can Paris become the new attractive hub for the cloud giants and their European strategies?
Chair: Olivier Micheli, President of France Datacenter & General Manager, Data4 Group
Alfonso Castro, Director of Cloud Strategy, Microsoft
François Sterin, Chief Industrial Officer, OVH
Fabrice Coquio, CEO, Interxion France
- 12:30

Building the Edge: Convergence in TMT Infrastructure Investment
The increasing deployment of IoT and ‘connected everything’ has seen the rise to prominence of edge computing to drive compute efficiency at all levels of the network. This increasingly necessitates a holistic view of data center, small cell, tower and fibre infrastructure to ensure the infrastructure is in place to meet the demands of big data in all its definitions.
Jon Mauck, Managing Director and Head of Data Centers Investments, Digital Colony
- 12:50

Investment and M&A Pt. I - Deals and Drivers in IT Infrastructure
Recent years have seen unprecedented M&A activity in the data center infrastructure landscape. Our panel take a critical look at the emerging picture considering some of the key deals we have observed, market valuation and portfolio development. How do business models impact the attractiveness of a deal? Are we converging toward a tightly consolidated market? What is the future for independent or small data centers?
Chair: Miles Loo, EVP, Newmark Knight Frank
Hossein Fateh, Principal, Cloud HQ
Jeff Ferry, VP, Goldman Sachs
Byrne Murphy, Chairman, Digiplex Data Centers
Jonathan Schildkraut, Chief Strategy Officer, CyrusOne
Avner Papouchado, CEO, Server Farm Realty
Madonna Park, Managing Director, Communications Infrastrucure, RBC Capital Markets
- 13:20

Lunch
- Section Chair: Richard Hall, Chief Executive, Founder, CloudOrigin**
- 14:00

Focus on Asia: Exploring Infrastructure Development and Investment
Asia stands as the world’s economic powerhouse, and the fastest growing data center market globally. Booming economies are driving industry and consumer demand for data center and cloud infrastructure. Our panel discusses some of the key market characteristics, opportunities and share their experiences of operating in the region.
Chair: Michael Tobin, OBE, Industry Entrepreneur
Narendra Sen, Founder & CEO, RackBank Datacenters
Oliver Jones, CEO, Chayora
- 14:20

Investment and M&A Pt. II - Appetite and Market Security
In the second part of our focus on M&A and investment trends in IT infrastructure we will hear more from the funds and investors behind the deals. What are financial partners looking for in deal opportunities? What are their perspectives on market consolidation? And in what investment opportunities and geographies do they see the most opportunity going forward?
Chair: Richard Hall, Chief Executive, Founder, CloudOrigin
Ralph Choufani, Principal, Abry Partners
Christian Mouchbahani, Managing Partner, M Capital Group
Robin Brown, Head of TMT M&A, BDO Corporate Finance
Tammo Bünnemeyer, Managing Director, Greenhill & Co. Europe LLP
Sicco Boomsma, Director SF Telecom Media Technology, ING
David Dederick, Partner, Bird & Bird LLP
- 14:50

Data Center Location Strategy and Support
The decision behind where to deploy data center assets is critical to the success of any project. Questions of land cost, power availability, access, latency, security all immediately spring to mind. Add to this the increasing interest of regional governments to develop themselves as IT hubs and the requirement to be seen to be a ‘good neighbour’ - the considerations are enormous. Our experts explore these factors and more.
Chair: Donough Roche, Owner/Principal, Datacentrs Inc.
Eric Boonstra, CEO, Evoswitch
Steen Hommel, Director, Invest in Denmark
Tom Kettels, Chief Business Development Officer, LuxConnect
Alexander Hauser, Managing Director, ttsp hwp seidel Planungsgesellschaft mbH
Khaled Sedrak, NxtVn Founder & CEO, NxtVn
Adam Tamburini, SVP, International, e-shelter services

- 15:40

Investing In Emerging Markets

The spread of connectivity across the globe has seen an increasing appetite for and requirement of data center and cloud services. Our panel will explore emerging markets, such as Africa, China and India, among others at various stages of maturity, analysing the nuances of each market, capacity, investment potential and risk.

Chair: Michael Tobin, OBE, Industry Entrepreneur
Paul-Francois Cattier, President Francophone Africa, Schneider Electric
Eric Crabtree, Chief Investment Officer, IFC - International Finance Corporation
Guy Willner, Founder and CEO, IXcellerate
Funke Opeke, CEO, MainOne
- 16:10

Afternoon Networking Break
- Section Chair: Marion Howard-Healy, Senior Consultant, BroadGroup
- 16:30

Data Regulation Focus: GDPR - How did we do and what is to come?

With GDPR now fully in effect, we assess the results and lessons learned from implementation and what is next on the regulatory horizon for the IT infrastructure and service delivery. Has the manner in which infrastructure services are sourced and deployed changed? Has this ushered in an era of greater oversight and security? Or is it business as usual?

Chair: Roberto Camilli, Partner, Bird & Bird
Jack Bedell-Pearce, Managing Director, 4D Data Centres
Olivier Labbe, Deputy Managing Director, Cap Ingelec
Alex Rabbetts, Managing Director, EUDCA
- 17:00

Workforce Focus - Diversity and Inclusion

Engineering industries are facing a global workforce crisis. Competition between high-tech industries and a limited qualified quality talent pool have though perhaps come at a fortuitous moment, forcing the industry to consider what is traditionally a male dominated industry. How can stakeholders best demonstrate their commitment to workforce development? What are the evolving skills requirements? How best to approach recruitment, training and retention of a modern workforce?

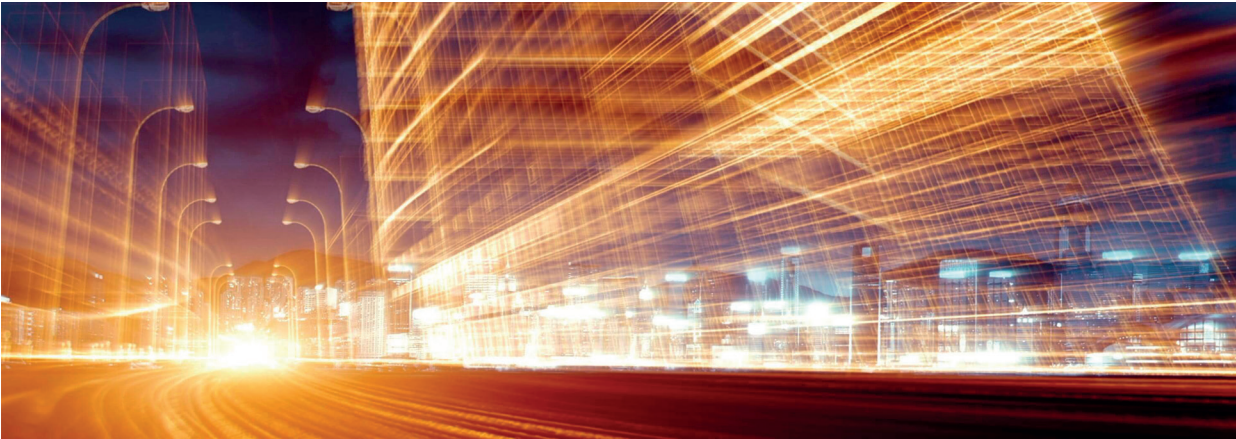
Chair: Peter Hannaford, Founder and CEO, Datacenter People
Emma Fryer, Associate Director, TechUK
Olivier Labbe, Deputy Managing Director, Cap Ingelec
Dr Theresa Simpkin, Higher and Further Education Principal, CNet Training
- 17:30

End of Day One

CENTRAL THEATRE

The Edge Forum

Chair: Dean Bubley, Founder and Director, Disruptive Analysis



- 09:45

Introduction to the Edge Forum - Defining the Layers of the Edge

Dean Bubley, Founder and Director, Disruptive Analysis

- 10:00

The Ubiquitous Edge and the 4th Industrial Revolution

The importance of the Ubiquitous Edge is how and where you need to build critical infrastructure to position content and services as close as possible to the consumers and devices that need to reach them.

Phill Lawson-Shanks, Chief Innovation Officer, EdgeConneX
- 10:20

Keynote Presentation
- 10:40

The Rise of Edge and Utilisation of Immersed Technology

David Keegan, CEO DCi2, Director of Technology, RISE Management Consulting; President, 7x24 EMEA
- 11:00

IoT - Current trends, Enterprise Adoption and Potential Challenges

IoT (industrial and commercial) will be the key driver in edge computing. As IoT devices proliferate, so to will demands on edge networks as they are pushed to adapt to unique data, latency and connectivity compute requirements. Here we will explore current IoT deployments, their characteristics and the underlying infrastructure to support these.

Mike McBride, Sr Director of Innovation & Strategy, Huawei Technologies
Teresa Tung, Managing Director, Accenture Labs
- 11:40

Seizing the Edge Data Center Opportunity

There is a shift from big centralized data centers towards edge data centers, driven by the need to deliver content and services close to the end user. The edge sets new requirements on the data center because of the more distributed nature of the architecture. Which services does the data center need to provide to fulfill the connectivity and agility requirements set by the continuously evolving edge? Which locations can thrive as regional and local edges in the competition for global corporates and why?

Seppo Ihalainen, CEO and Co-Founder, Ficolo
- 12:00

Insights from the Edge - Understanding Ecosystems and Use Cases

Josh Snowhorn, Founder & Chief Strategy Officer, EdgeMicro
- 12:20

5G and the Next wave of Mobile Connectivity

Martin J Levy, Network Strategy, Cloudflare
- 12:40

How important to Edge is an interconnection oriented architecture?

As edge computing pushes compute capacity to the logical extremes of the network, connectivity between different devices, applications and ecosystems will become vital and with it a sustainable application performance interface strategy. The panel will explore the issue of connectivity and interconnectivity standards at the edge and back to central infrastructure hubs

Chair: Dean Bubley, Founder and Director, Disruptive Analysis
Flavio Bonomi, Founder and CEO, Nebbiolo Technologies
Martin J Levy, Network Strategy, Cloudflare
Josh Snowhorn, Founder & Chief Strategy Officer, EdgeMicro
Colin Wallace, VP Submarine, ICP & IXP Sales EMEA, Ciena
John Wilson, COO, Stellium DataCenters
- 13:20

Close of Conference and Networking Lunch

THEATRE 2

Critical Infrastructure Strategy

Chair: Gerd Simon, Independent Management Consultant

- 10:00

Data Center technologies for the data explosion in traditional industries

Data processing is growing around the globe due to increased use of digitalization in products, services and business processes. The use of 5G, IoT, machine learning and automation in the traditional industry will lead to a network of distributed compute power. Industries and society will accelerate offerings and services with AI, Artificial Intelligence. It requires data collection, aggregation, real-time analytics, control loops and background batch processing. It will be a competitive advantage to excel in machine learning for products and services.

Centrally in the network the mega-size datacenters will be placed close to inexpensive renewable power production. In society centers there will be mid-sized datacenters and on the edge of the network in malls, in arenas, by highways, on city streets and at industry plants it will be small sized compute containers. All of them need to be well integrated in the electrical and thermal grids and optimized for low overhead maximizing compute per kWh. This leads to a diverse set of requirements on design

and operations. Autonomous operation, software resiliency, liquid cooling, heat re-use applications and datacenter micro grid integration are key areas.
Tor Björn Minde, CEO RISE SICS North and Head of Research Strategy, Ericsson

10:20 Successful Datacentre Cooling Design - “How to win an Award”

The Isando Data Centre 7 is based in Johannesburg, South Africa. Each floor has a net cooling capacity of 2 MW, supplied by a chilled water system which is concurrently maintainable, with three CyberCool 2 chillers (N+1) and 14 CyberAir 3 chilled water units from STULZ GmbH.

Due to extremely hot summers, the ambient temperature reaches up to 40°C. Maximum levels of guaranteed uptime, stringent security and optimal operating conditions must be in place at all times. In order to achieve this, the cooling infrastructure must ensure the highest levels of reliability, often in high temperatures, but without compromising on energy efficiency. This case study is basically about, what and how we did it.

Karim Ait-Younes, Senior Regional Sales Manager, Head of Sales EMEA, STULZ GmbH

10:40 Data Center Design and Operation - Cooling And Energy Efficiency Strategies

Power consumption and management is a perennial issue for the data center sector. Architectures of increasingly dense capability are putting pressure on power and cooling infrastructure, while energy regulation and oversight have cast the public eye on the sector's consumption and continue to place pressure on energy strategy. Our panel explores latest developments and technologies impacting and enabling the efficient operation of power infrastructure through data center lifecycle.

Chair: Ed Galvin, CEO, DC Byte

Eric Boonstra, CEO, Evoswitch

Markus Ehrström, Business Development Manager, Wärtsilä Energy Solutions

Pär Johansson, Business Development Director, Data Center Cooling, Systemair

Jon Pettitt, VP, Munters

11:10 Energy Sourcing for the Future Data Center - Are Current Strategies Sustainable?

As large and increasingly scrutinised consumers of energy, data centers are under great pressure to improve their sustainability credentials.

What is the current best practice in sourcing and managing energy consumption?

What is the impact of integrating renewable energy on pricing and operational cost?

What options are available to hyperscales vs enterprise operators and those deploying infrastructure at smaller scale?

How can heat recovery improve the energy efficiency of data centers?

What innovations should we look towards to drive long-term sustainability for the data center sector globally?

Chair: Tom Glover, Director, Data Centre Solutions, CBRE

Gisle M. Eckhoff, CEO, DigiPlex

Patrik Öhlund, CEO, Node Pole

Fredrik Rosenqvist, Director of Business Innovation, E.ON

Erik Rylander, Head of Open District Heating and Stockholm Data Parks, Stockholm Exergi

11:40 Results and Success of 10 Years of the European Data Centre Code of Conduct

Bernard Lecanu, Managing Director, BL International Consultant

12:00 Disentangling the data centre ‘skills shortage’ conundrum

Is it a capability issue, is it a diversity issue or is it an sector ‘brand’ issue? Or all three?

Everyone's talking about the ‘skills shortage’ throughout the sector but what does that actually mean?

Dr Terri Simpkin will conduct a walk-through of what she thinks the skills shortage issues are, and using her research and industry based experience she will pull these issues apart with some compelling facts.

With Terri's help everyone can start to see the wood for the trees as she highlights positive steps that should be taken now to get the results that we all need to protect the future of the sector.

Dr Theresa Simpkin, Higher and Further Education Principal, CNet Training

12:30 Intelligent data needs intelligent power

We know you need secure power to keep your data driven business running 24 hours a day. ABB's data center solutions and integrated systems are designed for heavy-duty applications and the world's ever-increasing data demands. We offer technologies for cloud, colocation, edge computing, telecommunications and financial services. Our solutions provide elastic infrastructure that can grow or shrink with your demand, deep visibility into your infrastructure to make automation easier, and intelligent grid connections to give you more choices on how you manage your energy.

Welcome to join the session to learn more about ABB's Data Center offering and also more in depth about or latest partnership with HPE around Edge Computing.

Pascal Lecoq, Worldwide Director, Datacenter Services Portfolio, HPE

Henrik Palmgren, Head of Data Center Segment Europe, ABB

12:50 Close of Conference and Networking Lunch

Please note the programme is subject to further updates. Thank you.

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- B Zenzu
- C Vertiv
- D MainOne
- E Ficolo
- F Evo Switch
- G RBC Capital Markets
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- 12 Invest in Denmark
- 9 IXcellerate
- 6A Luxconnect
- 4 Perf-IT
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- 10 Wärtsilä
- 3 Weatherite Air Conditioning Ltd

Stands

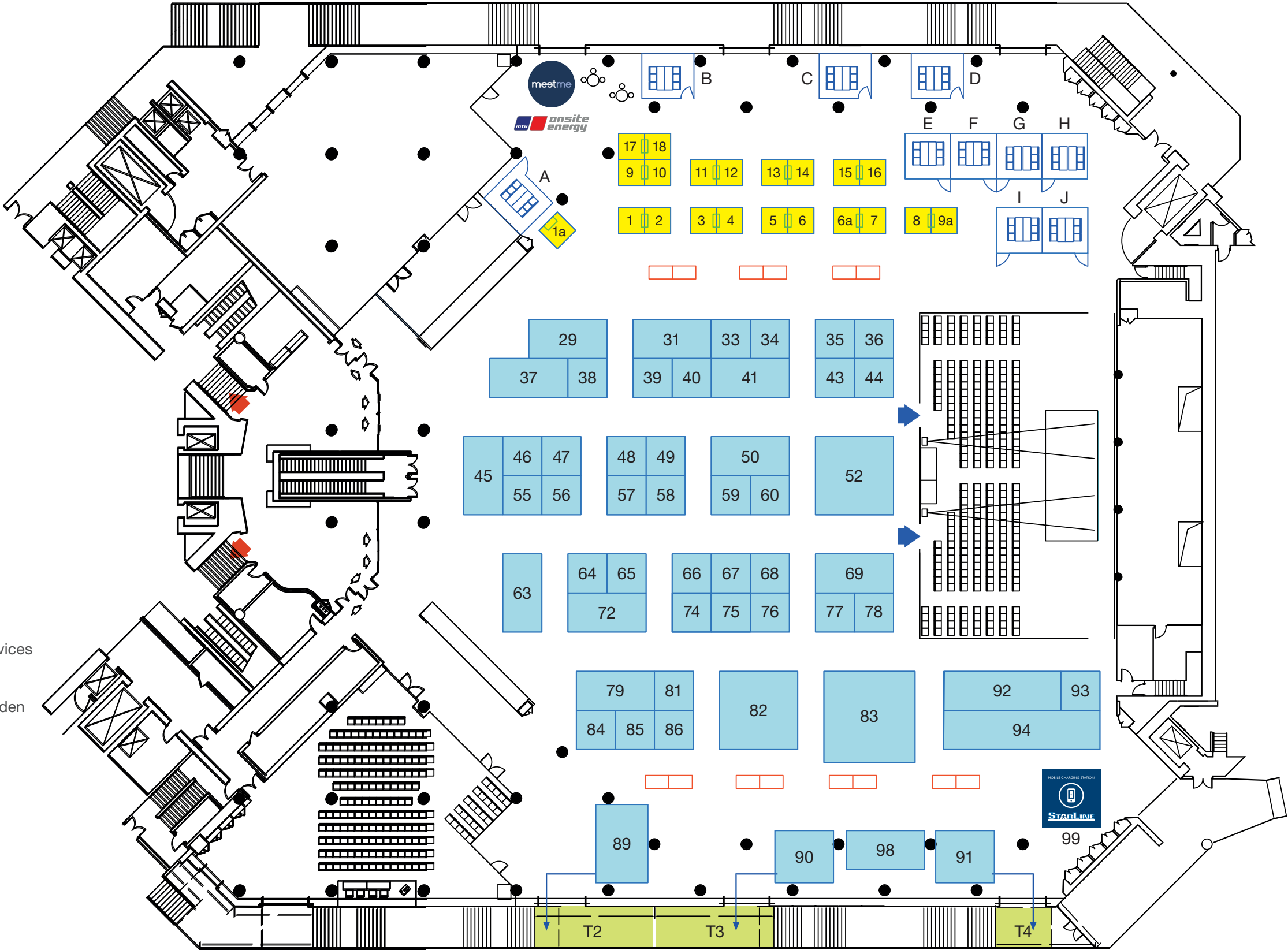
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- 15 Edge and Data Economy
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- 1 Kao Data
- 3 LastPass

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Speakers

	Dr. Eduardo Aguilar Head of Technology Helix Centre
	Karim Ait-Younes Senior Regional Sales Manager Head of Sales EMEA STULZ GmbH
	Michael Akinla Senior Manager, Technical Systems Engineering, EMEA Panduit
	Dr. Julie M. Albright Digital Sociologist, Lecturer, Viterbi School of Engineering USC Board of Directors, iMasons
	Tim Anker Founder and Director Colo-X The Colocation Exchange
	William Barney Chairman and CEO Global Cloud Xchange
	Jack Bedell-Pearce Managing Director 4D Data Centres
	Curt Belusar iMasons Advisory Council
	Flavio Bonomi Founder and CEO Nebbiolo Technologies
	Sicco Boomsma Director SF Telecom Media Technology ING
	Eric Boonstra CEO EvoSwitch
	Randy Brouckman Chief Executive Officer EdgeConneX
	Robin Brown Head of TMT M&A BDO Corporate Finance
	Kevin Brown Senior Vice President of Innovation & CTO Schneider Electric, IT Division
	Dean Bubley Founder and Director Disruptive Analysis
	Tammo Bünnemeyer Managing Director Greenhill & Co. Europe LLP
	Des Burke CEO Prudential Global Data Services
	Mike Byrnes Director - Cloud & Data Center Sales & Services, EMEA Eaton Electrical
	Roberto Camilli Partner Bird & Bird
	Régis Castagné Managing Director - Southern Europe Equinix
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	Chris Edmonds Strategy Director Worldpay
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	Marion Howard-Healy Senior Consultant BroadGroup
	Seppo Ihalainen CEO and Co-Founder Ficolo
	Andrew Jay Executive Director CBRE Limited
	Adam Jiang Key Account Director of ISP & Media Business Enterprise Business Western Europe
	Pär Johansson Business Development Director, Data Center Cooling Systemair
	Rob Johnson CEO Vertiv
	Greg Jones VP Strategy & Offer Management - Cloud & Service Provider Segment Schneider Electric
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	Zaid Ali Kahn Senior Director, Infrastructure Engineering LinkedIn
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	David Keegan CEO DCi2
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	Phill Lawson-Shanks Chief Innovation Officer EdgeConneX
	Bernard Lecanu Managing Director BL International Consultant
	Pascal Lecoq Worldwide Director, Datacenter Services Portfolio HPE
	Qiu Lei Vice President of Marketing and Product Solution Sales Department, Huawei Enterprise Business Group
	Wing Kin Leung CTO, Marketing & Product Solution Sales Dept Huawei of Enterprise BG
	Zhang Lin President Huawei Enterprise Business Group in Western Europe
	Kurt-Erik Lindqvist CMO, LINX; Chairman of the Board Euro-IX
	Ofer Lior Business Executive of Data Center Management Solutions Intel DCM
	Miles Loo EVP Newmark Knight Frank
	Bruno Lopez Group CEO ST Telemedia Global Data Centres
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	Emanuel Schleussinger Managing Director and Director of Technology Smilegate Games GmbH
	Khaled Sedrak Founder & CEO NxtVn

	Narendra Sen Founder & CEO RackBank Datacenters
	Margrit Sessions Managing Director Tariff Consultancy Ltd
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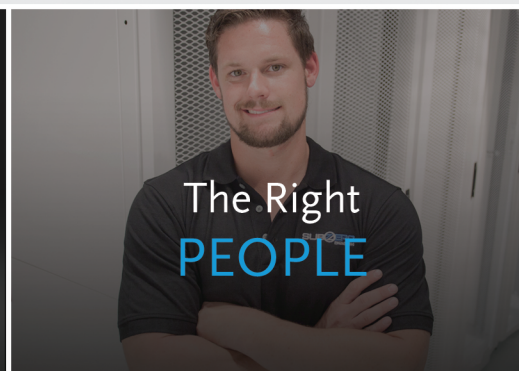
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Locke Lord, a full service law firm with global reach, offers clients one seamless cross-border team to manage large, complex, business-critical data center projects and commercial advice across multiple regions. We add value to projects of any size and are well-versed in the key legal and regulatory issues currently impacting all players in the data center industry, including operators, developers, customers and lenders.

Our lawyers are collaborative and team-oriented, always seeking solutions that best service our clients.

Locke Lord is pleased to sponsor Datacloud Europe 2018.

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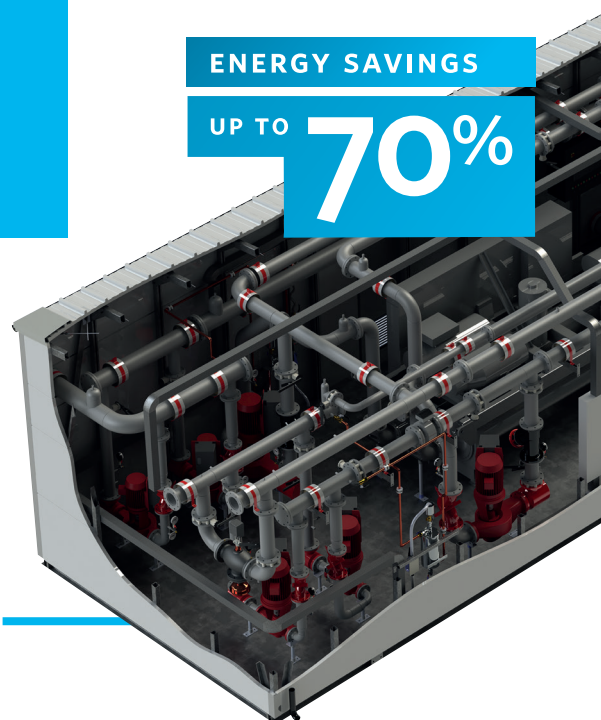
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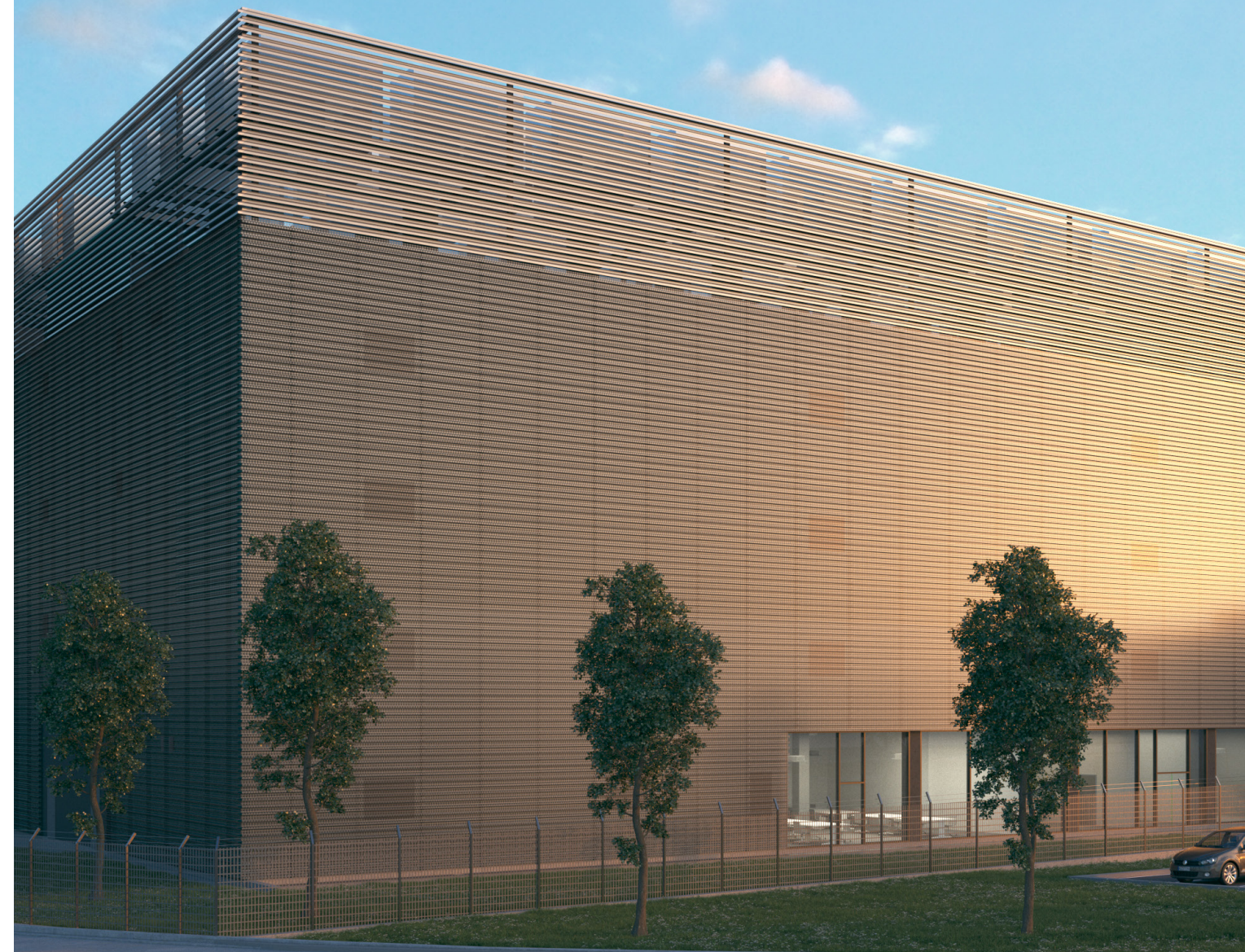
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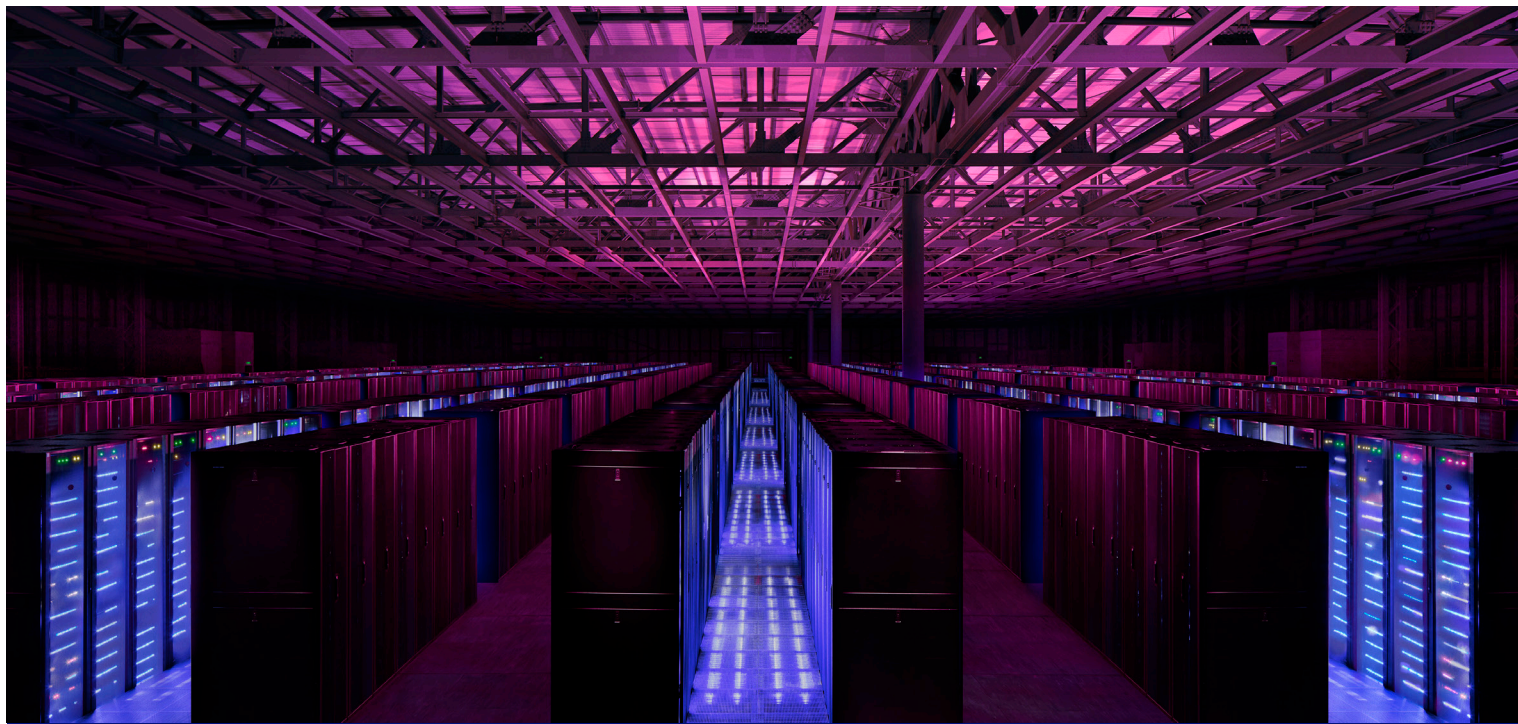
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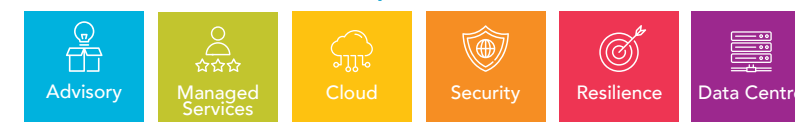
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