

IBM Cloud Hybrid. Open. Resilient.

The most open and secure public cloud for business





4 inescapable paradigms drive the need for Hybrid Cloud ...

History

...Hybrid Cloud enable continuous integration and transformation, irrespective of past decisions and current state of your journey

Choice

...Hybrid Cloud embrace innovation across vendors and platforms with unified security- and operations processes



Physics

...Hybrid Cloud opens up for workload mobility allowing you to process data where it is created and used



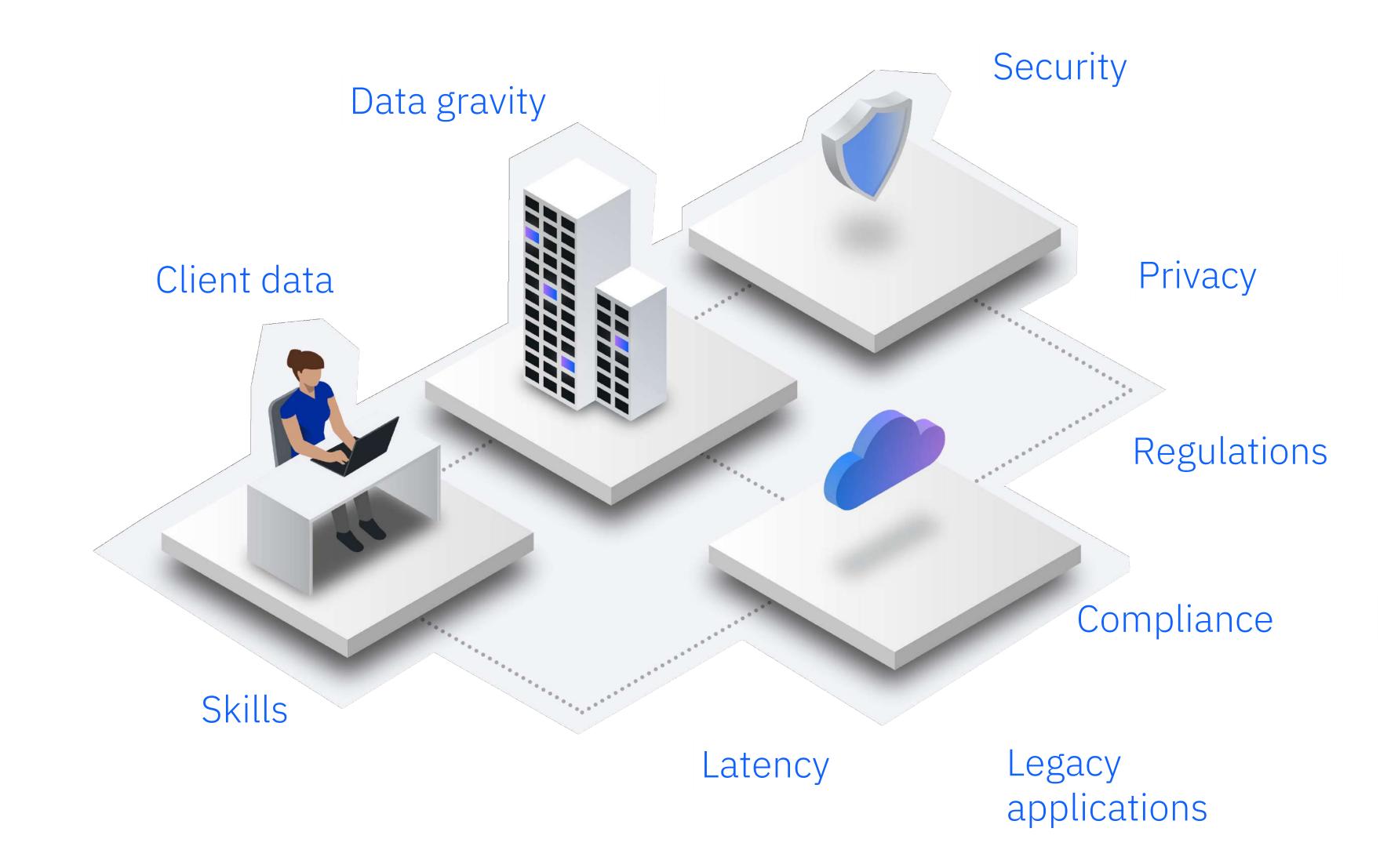
Law

...Hybrid Cloud allow you to balance the benefits of Global Operations while complying with local regulations



Challenges

Moving and modernizing workloads for the cloud



IBM Cloud:
Purpose-built for mission-critical workloads

Clients make workload placement decisions based on 5 key dimensions

IBM Cloud is designed for mission critical workloads and is optimized for the needs of regulated industries

Resiliency

- "IBM Cloud is the most reliable cloud we have worked with globally" President and CTO, Dizzion
- 90% reduction in Severity 1 incidents

Performance

- ☐ 3x more SAP ERP transaction throughput per core in Power Virtual Server compared to next best result from Google
- □ IBM Vela, GPU as a Service, IBM High Performance Computing

Security

- □ Only you can see your data
- Ranked most secure and reliable amongst SAPcertified infrastructure
- ☐ Always on monitoring

Compliance

- ☐ 30% reduction in Compliance costs
- 18 months faster ISVonboarding with validatedIBM process

Total Cost of Ownership

- ☐ 212% ROI for SAP on IBM Cloud
- □ 209% ROI for VMware on IBM Cloud

























IBM Cloud is a full stack cloud platform



monitoring

Quantum



■ IBM Cloud Q Catalog Manage >

https://www.ibm.com/cloud

IBM Cloud catalog categories:

AI / Machine learning Analytics Automation Blockchain Compute Containers Developer tools Integration Integration Integration Automation Logging and manitoring

things

Networking

Storage

Mobile

Security

- AI for customer serviceApplication modernization
- Backup & recovery
- Chatbot
- Cloud migration
- Cloud native
- Cloud strategy
- Confidential Computing
- Data migration
- Data science
- DevOps
- Dedicated hosting

- Edge computing
- Game hosting

Featured IBM Cloud solutions

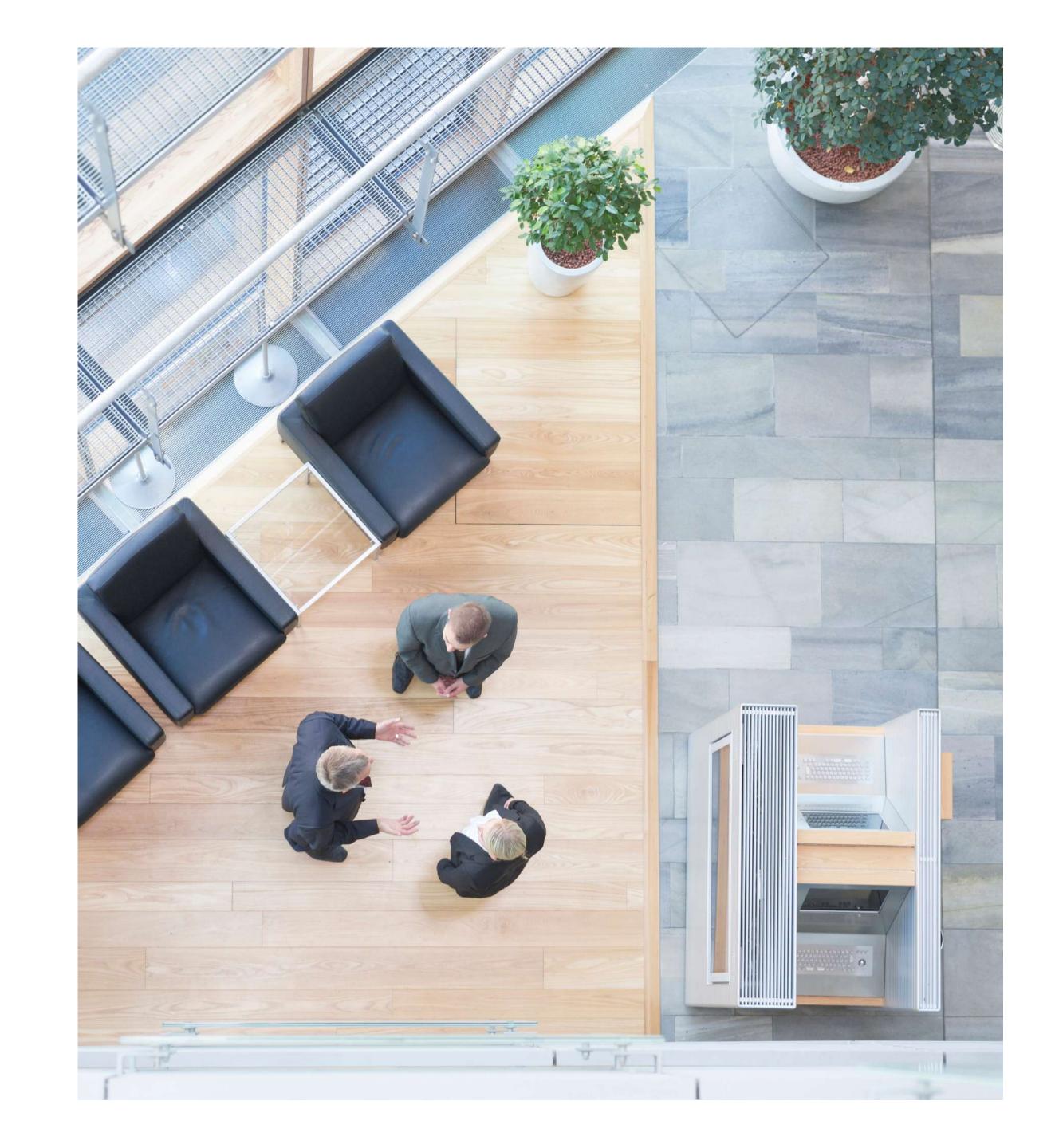
- GPU computing
- High performance computing
- Hybrid cloud management
- Machine Learning
- Infrastructure management mobile
- SaaS integration
- SAP
- VMware
- Virtual Private servers
- Websites

Some of the largest companies in the world run their business on IBM Cloud

of the Fortune 50

1 Of the 10 largest banks

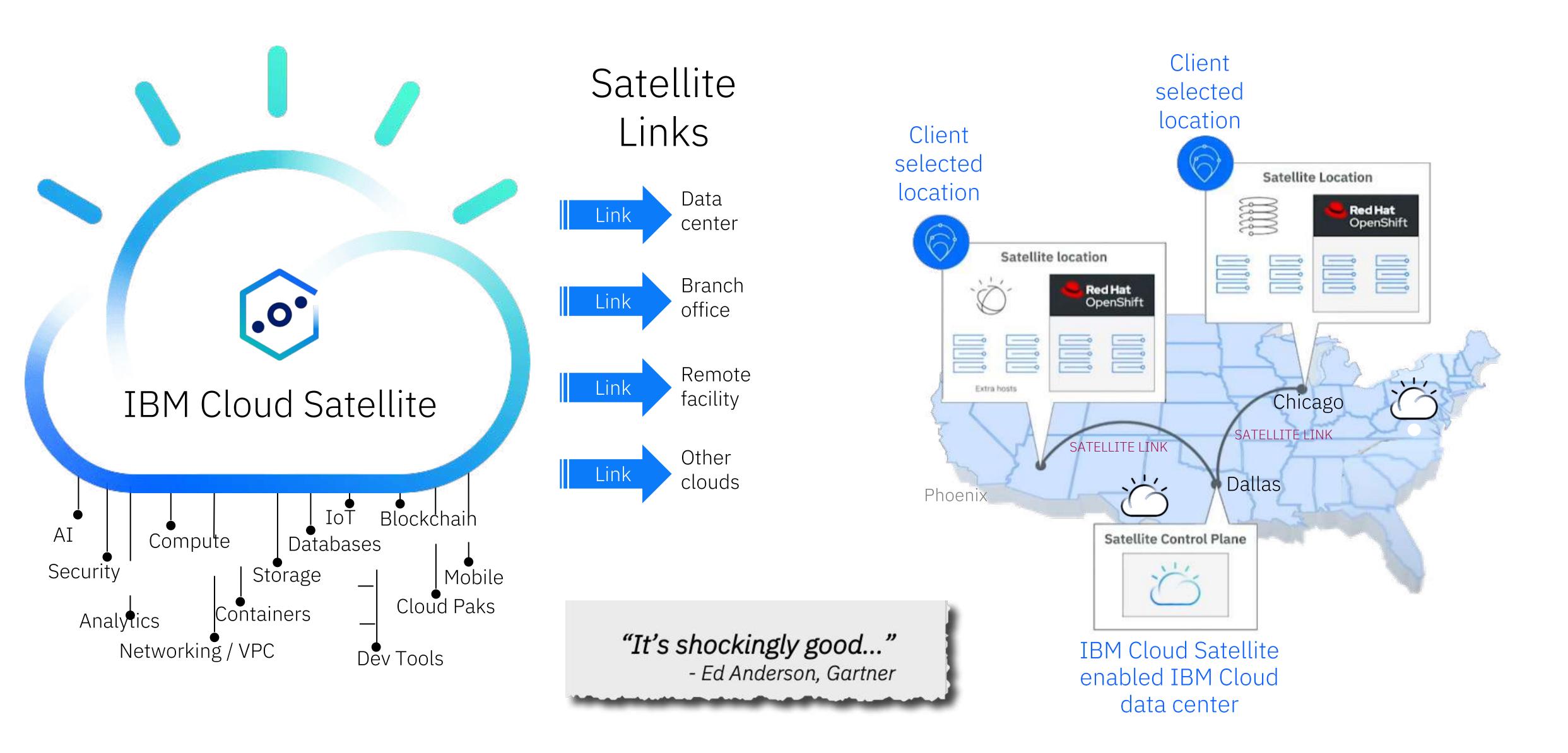
> Of the 10 largest airlines



IBM Cloud regions and zones



IBM Cloud Satellite: bring the cloud to you, wherever you need it — IBM's distributed cloud



Why IBM Cloud?

Best for Regulated, Secure and Mission-critical workloads

- 1. Meet you where you are and support your entire journey
- 2. Enable workloads anywhere any cloud, on-prem or at the edge
- 3. Technical assurance that only you can see your data
- 4. Prove regulatory compliance
- 5. Open approach

Industry leading capabilities address critical enterprise use cases

IBM Cloud for Financial Services

550+ FS Framework control requirements, externally validated. Onboard ISVs in weeks, not Quarters



20% faster migration vs hyperscalers. Broadest platform selection and world record SAPS

IBM Cloud Satellite

Consistent cloud services to build faster, securely and anywhere. Ecosystem that extends Satellite to new markets w value added services.

Confidential Computing

Secure enclaves. Technical assurance that only you can see your data

Single management view for all

Always On

Compliance

Security and Compliance postures. Audit traceability - all the way down to the chipset

vmware

209% ROI 40% boost in productivity Average \$1.3M DC cost savings

Hyperscale

Setup 1000 VMs in <120 seconds Virtual Private Cloud Hyperscale virtual servers

Red Hat

30K+ Kubernetes clusters in production, 10x release frequency & 44% less hardware cost Open & Robust Ecosystem

200+ Partners





















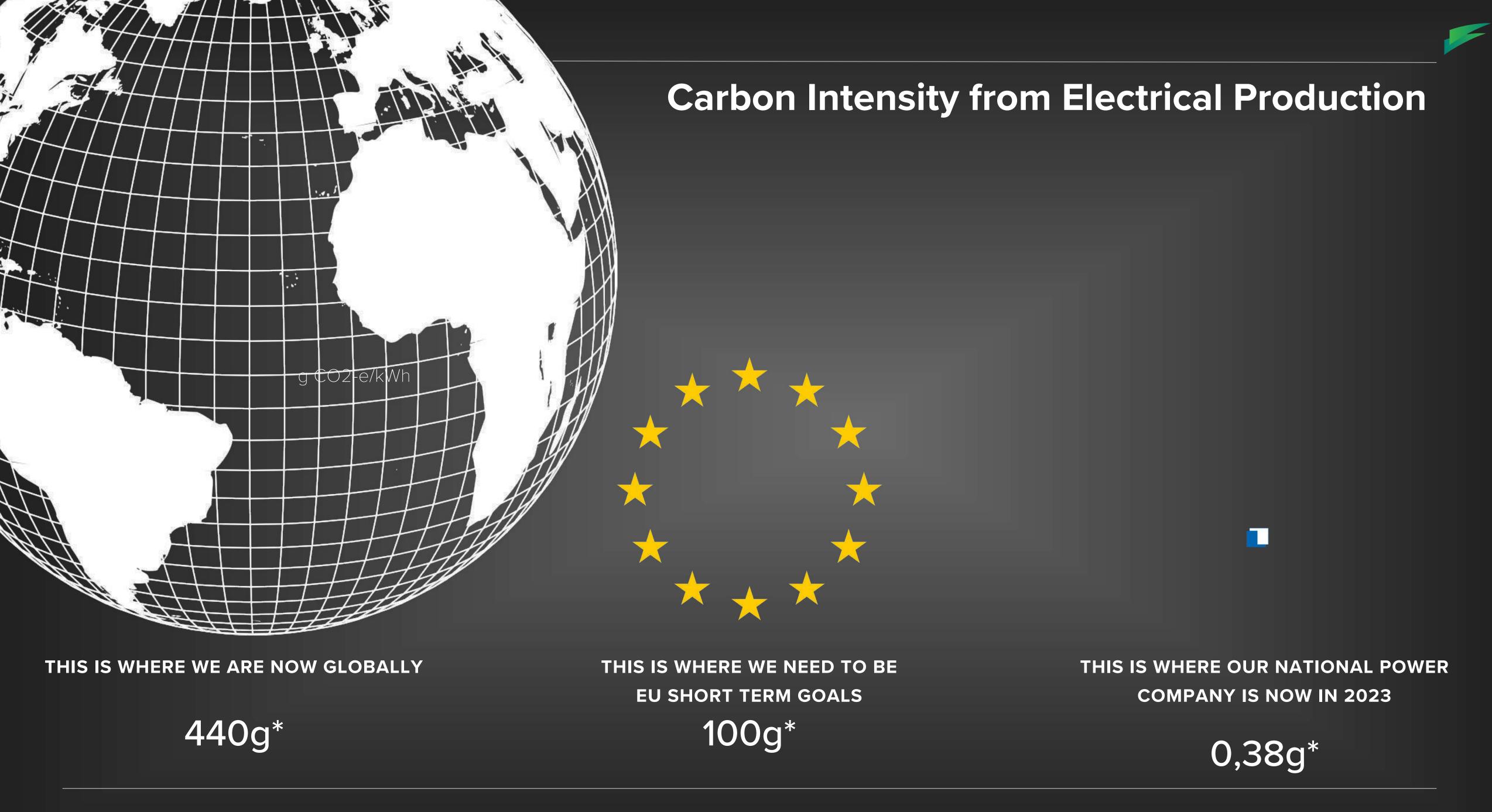




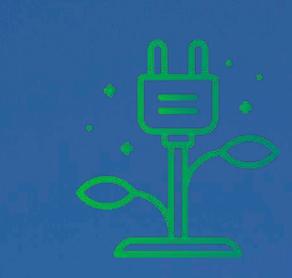


The Challenge

- Meeting the goals of the EU Green deal by 2030: climate neutrality by 2050, 55% reduction greenhouse gas emissions by 2030, increase use of renewable energy, improve energy efficiency, etc.
- Finding a site that fulfills your future needs in terms of sustainability and scalability
- Finding a site and experts that can support your changing needs
- Security and location
- Time to market
- Reliable and cost efficient operations
- Dedicated service and future proof of operations



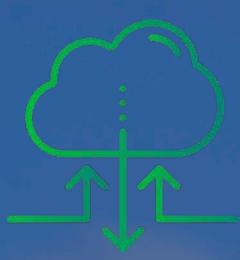
The Borealis Solution - ESG is in our DNA



100% renewable, 0 waste

PUE as low as 1.03

.38 g CO2-e/kWh electric carbon intensity



Lighting speed connectivity

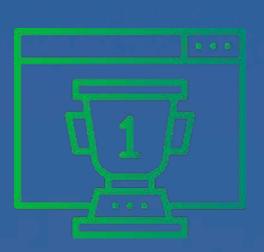
Bridging continents
through
4 submarine cables



Certified compliant

ISO 27001, ISO 27017, and ISO 27018 (Q4 2023)
EN 50600 (Q1 2024)

NVIDIA in progress



Ranked #1 safest country in the world for 14 years

Ranked #1 infrastructure

Ranked #1 hyperscale & cloud-scale data center

The Borealis Solution – Your Responsible Partner

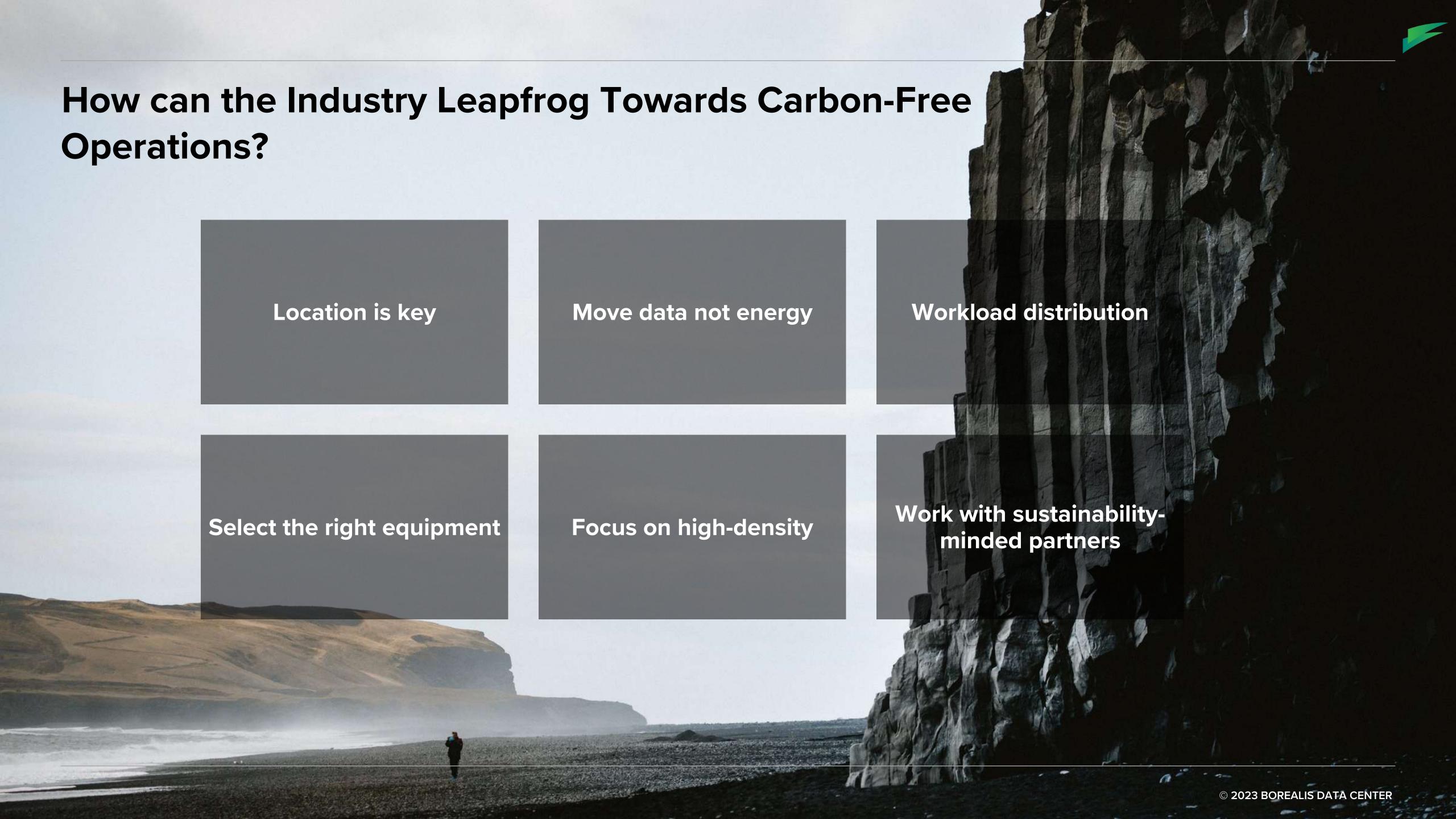
EU Green Deal Compliance

Tailored Solutions

Expert Team & Marketplace of Strategic Partners

Future-Proof Sustainability

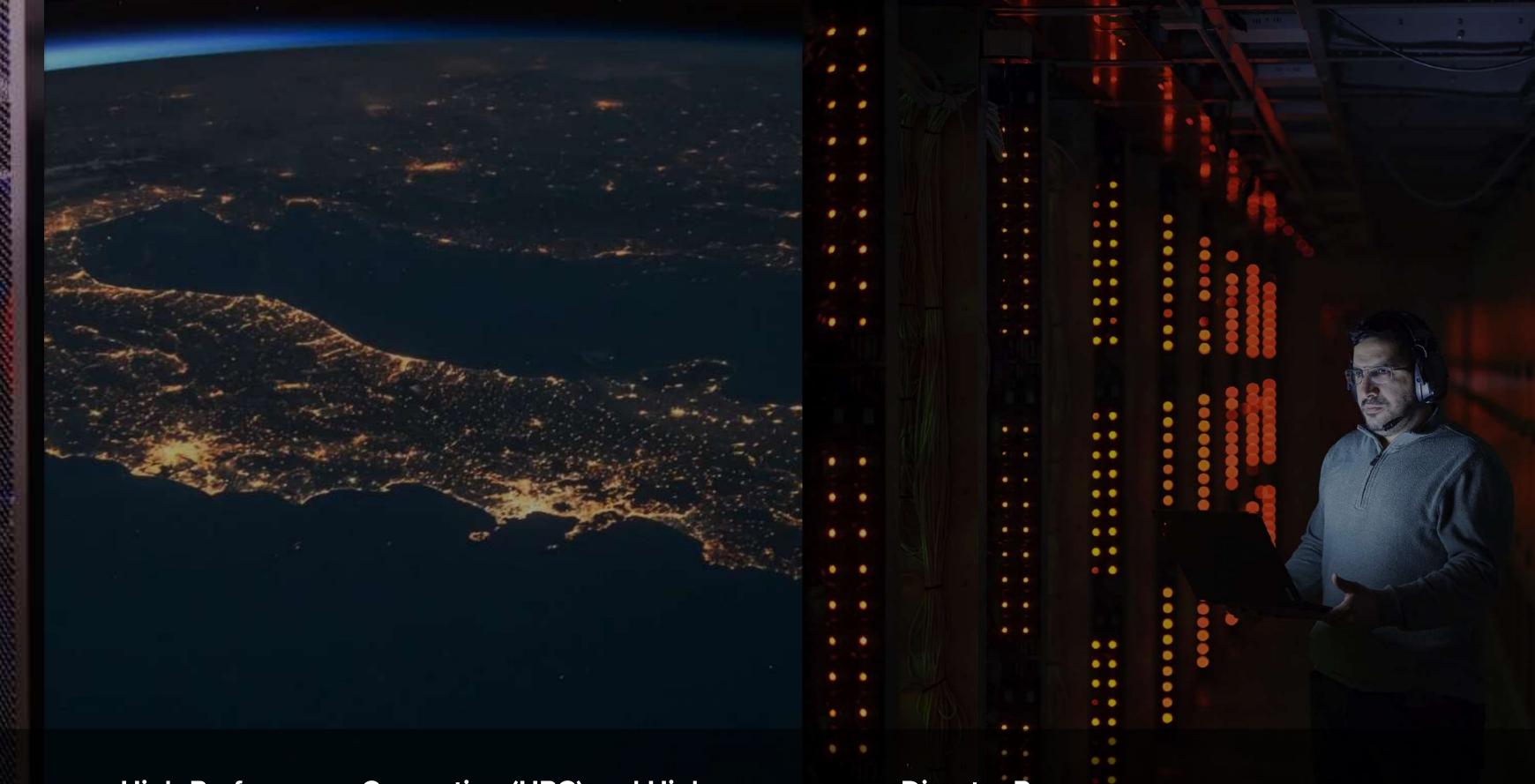




Core Service Offering

High Availability

Our high availability services are tailored for mission-critical systems that demand uninterrupted uptime. With a focus on reliability and continuous operations, we ensure your essential business functions remain accessible and dependable.



High-Performance Computing (HPC) and High Density (Al workloads)

Borealis excels in delivering high-performance computing capabilities. Our infrastructure is optimized to handle high-density workloads with demanding energy and cooling requirements. Experience exceptional performance and efficiency for your compute-intensive applications.

Disaster Recovery

We offer sustainable and cost-effective solutions for disaster recovery. Our secondary site solutions provide the necessary redundancy to maintain compliance and ensure data availability. Gain peace of mind knowing that your compute and data assets remain accessible and protected.

Reykjavík Campus Fitjar Campus Blönduós Campus 12 MW of built out capacity 10 MW of capacity 50 MW of built out capacity 50+ MW further growth potential Hosting key national infrastructure 120+ MW growth potential Keflavík airport just 5 minutes away Large substation supports further growth Specially equipped for HPC and Al In the capital city of Reykjavik Powered by Blanda hydropower station IHA Blue Planet Prize in 2017 for excellence in sustainable development © 2023 BOREALIS DATA CENTER





Introducing Borealis Cloud by IBM & Borealis Data Center

Borealis Cloud is well positioned to serve businesses in a whole range of use cases where maximizing energy usage and in parallel cutting on emission are most crucial, including, but not limited to:

d is
d to
d to
BACKUP

Meet your needs
ge for cloud native
managed
zing services, no
and matter of your
ing geographic
location. Backup
of your
not applications made
easy while
complying with

local sovereignty.

REGULATED
WORKLOADS &
ADDRESSING
DATA
RESIDENCY
With Sustainable
Cloud Services
you can meet
your needs
without worrying

With Sustainable Cloud Services you can meet your needs without worrying about compliance. Simplify maintenance and roll out new features much quicker. Comply with local sovereignty and privacy regulations.

HIGH **PERFORMANCE COMPUTING** Handle data flow in increasing volumes and speeds, create unique outcomes and options by performing advanced simulations and computations. Provide with high performance data analytics (HPDA) to new Al applications.



The added value

COMPLIANCE WITH PRIVACY REGS & LOCAL SOVREIGNTY

Cloud Satellite allows to securely analyze data right where it's located or being generated.

ACCELERATE DECARBONIZATION

CO2 emissions in Iceland come close to zero, resulting in a positive impact on your ESG reporting.

