

METRO BRIEF

Frankfurt

Scaling Digital Business with data-centric architecture and a connected data community approach

INSIGHTS

Data Gravity inhibits enterprise workflow performance, raises security concerns, and increases costs, all complicated by regulatory requirements and other artificial constraints. It requires a connected community approach between enterprises, connectivity, cloud and content providers integrating core, cloud and edge at centers of data exchange, implementing a secure, hybrid IT and data-centric architecture globally at points of business presence.

CHALLENGES

Current backhaul architecture cannot address enterprise Data Gravity needs, including:

- Data exchange across multiple internal/external platforms
- Local data copies and ability to run performant analytics across each global point of presence

SOLUTION

To enable the ever-changing data, control and networking demands of global enterprises, a purpose-built solution is required. The data-centric architecture of PlatformDIGITAL[®] offers tailored deployments at any size and scale and right-sized connectivity options. The Frankfurt metro enables robust, diversified, neutral connectivity with access to key ecosystems, connectivity gateways, and security and resiliency infrastructure.

FRANKFURT is home to a world-class financial sector and many creative, IT, telecom, biotech life sciences and logistics industries, providing high Internet bandwidth and highly connected data center space.

144%

CAGR through 2024
Data Gravity Intensity Growth

DATA GRAVITY INDEX

DGx[™] quantifies and predicts the intensity and gravitational force of enterprise data growth across more than 50 metros globally. The patent-pending formula, measured in gigabytes per second, provides a relative proxy for measuring data creation, aggregation and processing.

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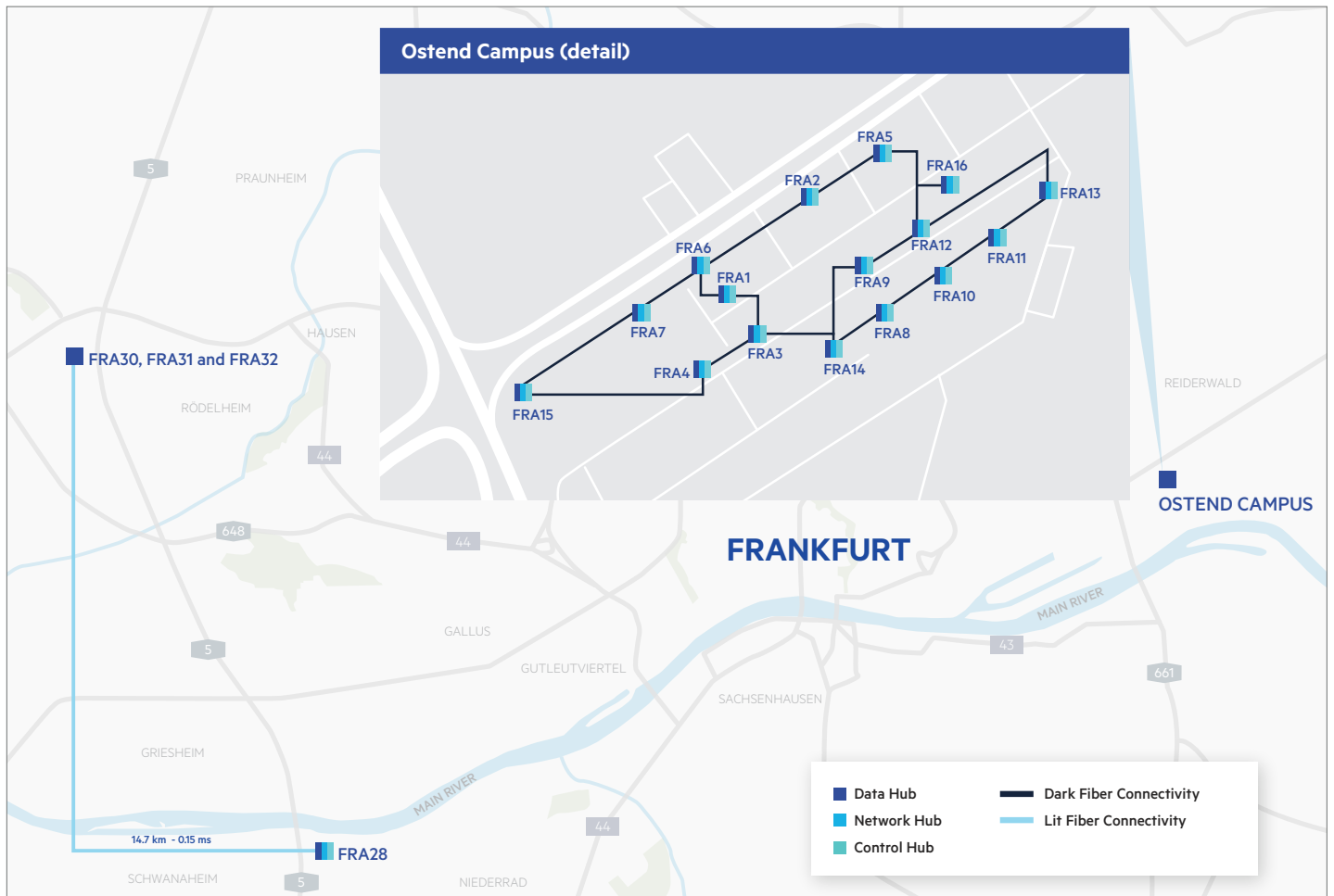
Data
Gravity
Index **DGx**

The largest global provider of multi-tenant data center capacity.*

*451 Research, Market Forecast, Leased Datacenter Global Providers, 2020. Capacity measured in terms of both the number of datacenters and operational square footage.

Frankfurt Connected Campus

Connectivity gateway for global enterprises



ECOSYSTEM CONNECTIVITY

The Frankfurt metro offers a large ecosystem of network, IT, cloud, financial and content partners and providers, and enterprise customers.

Metro Connectivity

- Lit Fiber
- Wave: 10G, 100G
- Dark Fiber

Multi Cloud Access

- Cloud Connect
- Service Exchange

Direct Cloud Access

- AWS Direct Connect

- Azure Express Route
- Google Cloud interconnect
- IBM Direct Link
- Oracle FastConnect

INTERNET CONNECTIVITY

Dedicated Internet Access

- IP Bandwidth

Internet Exchange Access

- Community-IX
- DATAIX
- DE-CIX
- ECIX
- GE-CIX
- Global-IX
- Hopus
- KleyRex
- LocIX
- NetIX
- NL-ix
- OCIX
- Peering.cz
- STACIX

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