Control Hub

Platform
DIGITAL™

Implement Hybrid IT Controls

Digital business requires a new infrastructure and security management architecture, one that localizes security and infrastructure controls at global points of business presence. This improves security posture and infrastructure management by instantiating local points of policy enforcement to managed access, inbound/outbound data flows, connected hosting infrastructure and public clouds. The strategy enables secure centers of data exchange to help scale digital business.
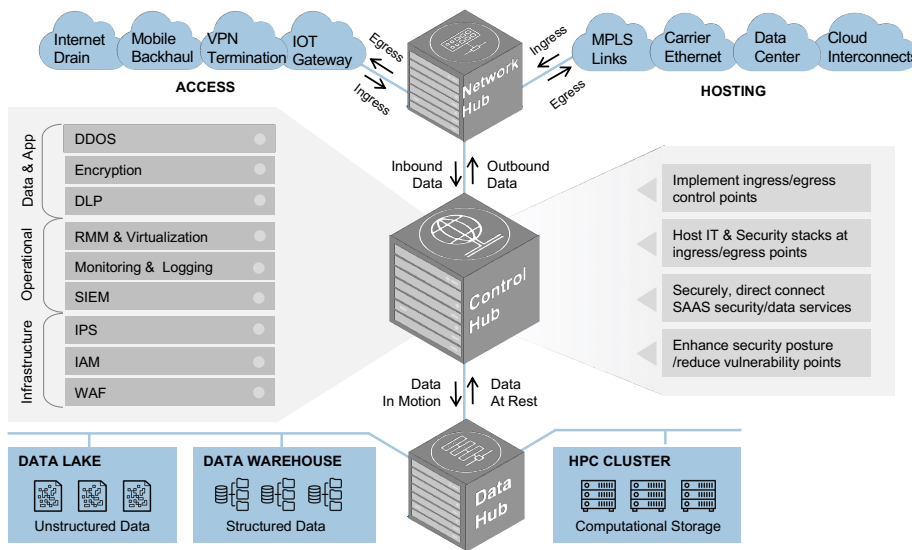

Fig 1. PlatformDIGITAL™ Control Hub Solution

CONTROL HUB AT A GLANCE

Enhance security and infrastructure management by deploying and interconnecting controls at global points of business presence to enable secure centers of data exchange to scale digital business.

KEY BENEFITS

- Reduce IT vulnerability points
- Improve security posture
- Deploy telemetry and apply policy at points of ingress/egress
- Implement Hybrid IT control points
- Reduce operational complexity
- Simplify infrastructure management

IMPLEMENT CONTROL HUBS ON PlatformDIGITAL™

The global data center platform for deploying Control Hubs to:

- Host IT and security controls and enable policy enforcement at data ingress/egress points to maintain data compliance and sovereignty
- Deploy tailored infrastructure footprints to accommodate special purpose security, telemetry and logging infrastructure configurations
- Operate deployments as one seamless, secure global data center infrastructure

CONTROL HUB STARTER KIT

This turnkey bundle includes the necessary components and services to rapidly plan, deploy and scale your Control Hub. The pre-configured solution accommodates a typical enterprise deployment of a Control Hub at points of ingress/egress to improve security posture and simplify infrastructure management. This enables enterprises to enhance security and infrastructure control at centers of data exchange in support of scaling digital business.

CONFIGURATION DETAILS*

#	COMPONENT	PURPOSE
1	250 Square Feet Private Cage	Security (secure physical isolation)
2	10 Cabinets, 4kW/Cabinet	Capacity (fit for purpose)
3	3 Fiber Cross-Connects Package	Direct Connectivity (physical)
4	2 x 10G Service Exchange Ports	Ecosystem Connectivity (virtual)
5	Card Reader + Biometric Authentication	Security (secure physical access)
6	Installation Services	Design/Install (speed to deploy)
7	Remote Hands Bundle (5 hours)	Move/add/change (ease to maintain)

*Additional features available as add-ons for an incremental fee.

STARTER KIT AT A GLANCE

Get started quickly with the pre-packaged Control Hub solution configuration based on best practices to speed deployment and results.

FEATURE SET

- Secure colocation for security and telemetry footprint (expandable)
- Secure, direct interconnection to clouds, carriers and partners
- Global access to operational environment via portal/API's
- Streamlined contracting vehicle for multi-site deployments
- Cabinet installation and remote hands services
- Industry Standard Compliance
- Discounted pricing for starter kit configuration

PROVEN APPROACH

Quickly realize the benefits from your Control Hubs deployed globally on PlatformDIGITAL™ by leveraging our Pervasive Datacenter Architecture (PDX ™) strategy. This step by step strategy will help you create the new IT architecture required to solve digital transformation.

CONTROL HUB REFERENCE ARCHITECTURE
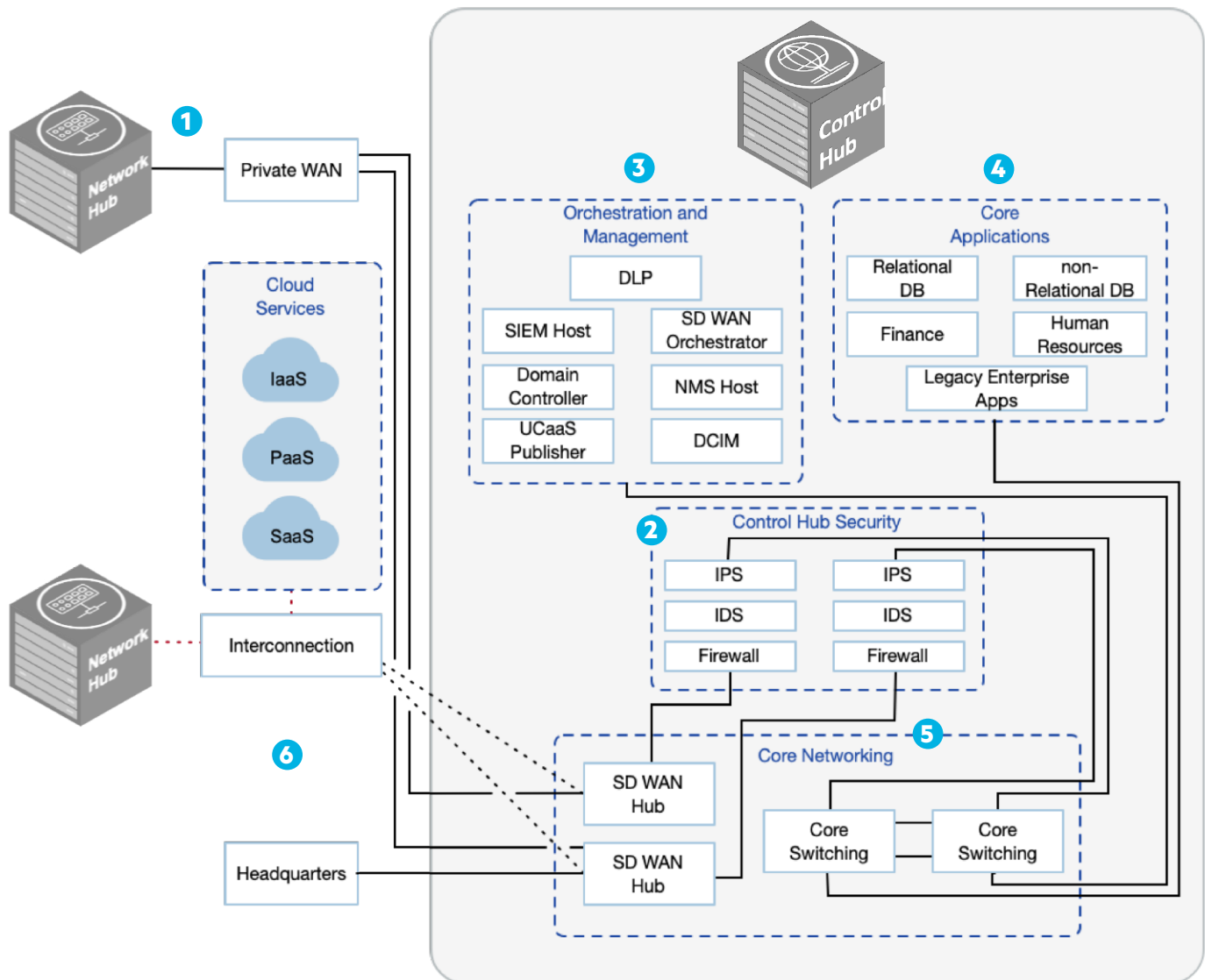
1 Regional Hubs connect over internet access to reach centralized applications. Threat Intel and other security events feed into the SIEM Host.

2 An additional security stack sits at the Control Hub to limit and authorize access to core business applications.

3 Orchestration and management instances that configure, manage and update resources deployed at the Network Hubs and corporate locations.
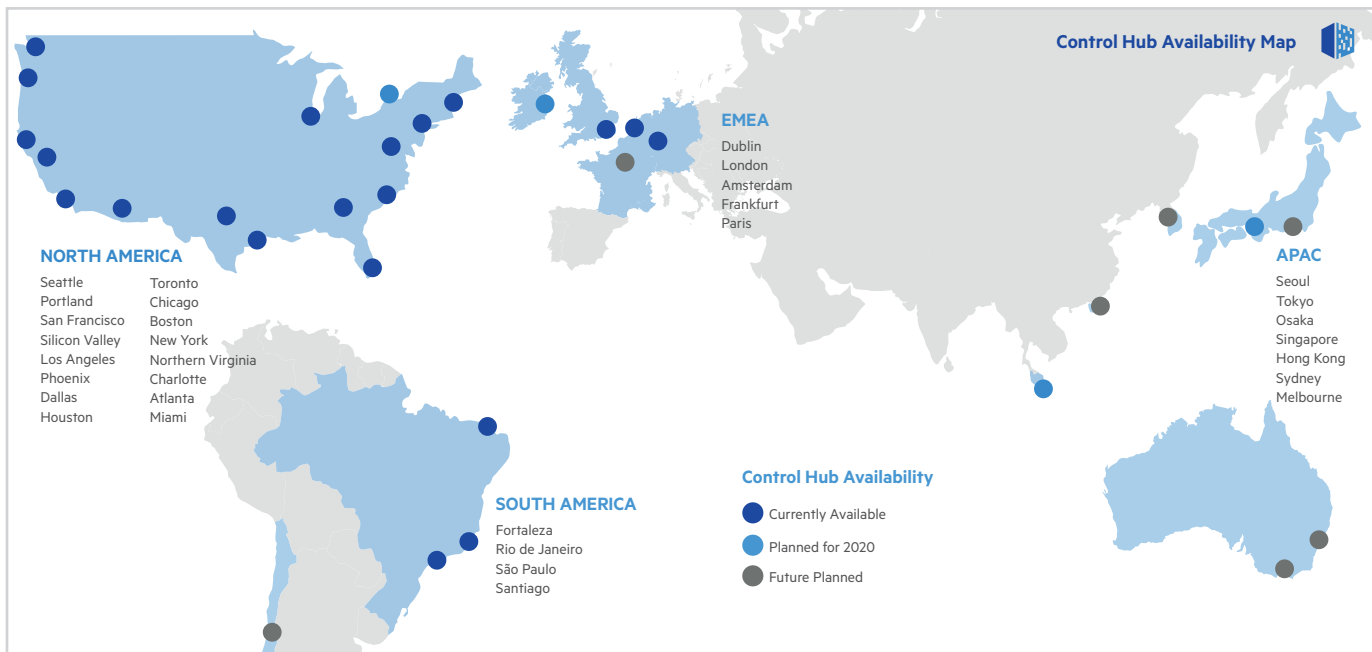
4 Legacy Applications supporting business organizations that are not suited for a Network Hub or the Cloud can be located in the Control Hub.

5 The Core Networking zone aggregates traffic from the Network Hubs and Headquarters and provides routing and segmentation.

6 Connectivity from the Network Hubs to the Control Hub include Service Exchange, powered by Megaport, MPLS, DWDM, EVPL and Internet.

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IMPLEMENT CONTROL HUBS GLOBALLY ON PlatformDIGITAL™

Control Hub Availability Map

EMEA
Dublin
London
Amsterdam
Frankfurt
Paris

APAC
Seoul
Tokyo
Osaka
Singapore
Hong Kong
Sydney
Melbourne

NORTH AMERICA

Seattle	Toronto
Portland	Chicago
San Francisco	Boston
Silicon Valley	New York
Los Angeles	Northern Virginia
Phoenix	Charlotte
Dallas	Atlanta
Houston	Miami

SOUTH AMERICA
Fortaleza
Rio de Janeiro
São Paulo
Santiago

Control Hub Availability

- Currently Available
- Planned for 2020
- Future Planned

WANT TO LEARN MORE?

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ABOUT DIGITAL REALTY

Digital Realty supports the data center, colocation and interconnection strategies of customers across the Americas, EMEA and APAC, ranging from cloud and information technology services, communications and social networking to financial services, manufacturing, energy, healthcare and consumer products. To learn more about Digital Realty, please visit digitalrealty.com or follow us on LinkedIn or Twitter.