Hume, Canberra

CAN01A

Scalable Infrastructure in the Capital of Australia

CAPACITY
28MW

CAMPUS SIZE
2.4HECTARES

STACK
INFRASTRUCTURE

Target Your Clients from the Center of Australian Government

As Australia's capital city, Canberra is the center for Federal Government in the region and is conveniently located between the major east coast cities of Sydney and Melbourne. Located in Hume, a suburb of Canberra, STACK APAC's CAN01A is a purpose-built, dedicated structure offering significant growth capability for hyperscalers and large enterprises targeting the Government sector and those looking to expand their secure and sovereign digital infrastructure footprints in the Australian region.

This 28MW data center features a fully redundant system for enhanced uptime and streamlined operational alignment. The building's efficient technologies offer market-leading PUE and water usage and robust power via diverse feeders. CAN01A is strategically located with robust access to power and network offering scalability and reliability for higher rack densities and floor loading specifications. The site enables hyperscalers and enterprise clients to address the evolving requirements in Australia and the APAC region more broadly.
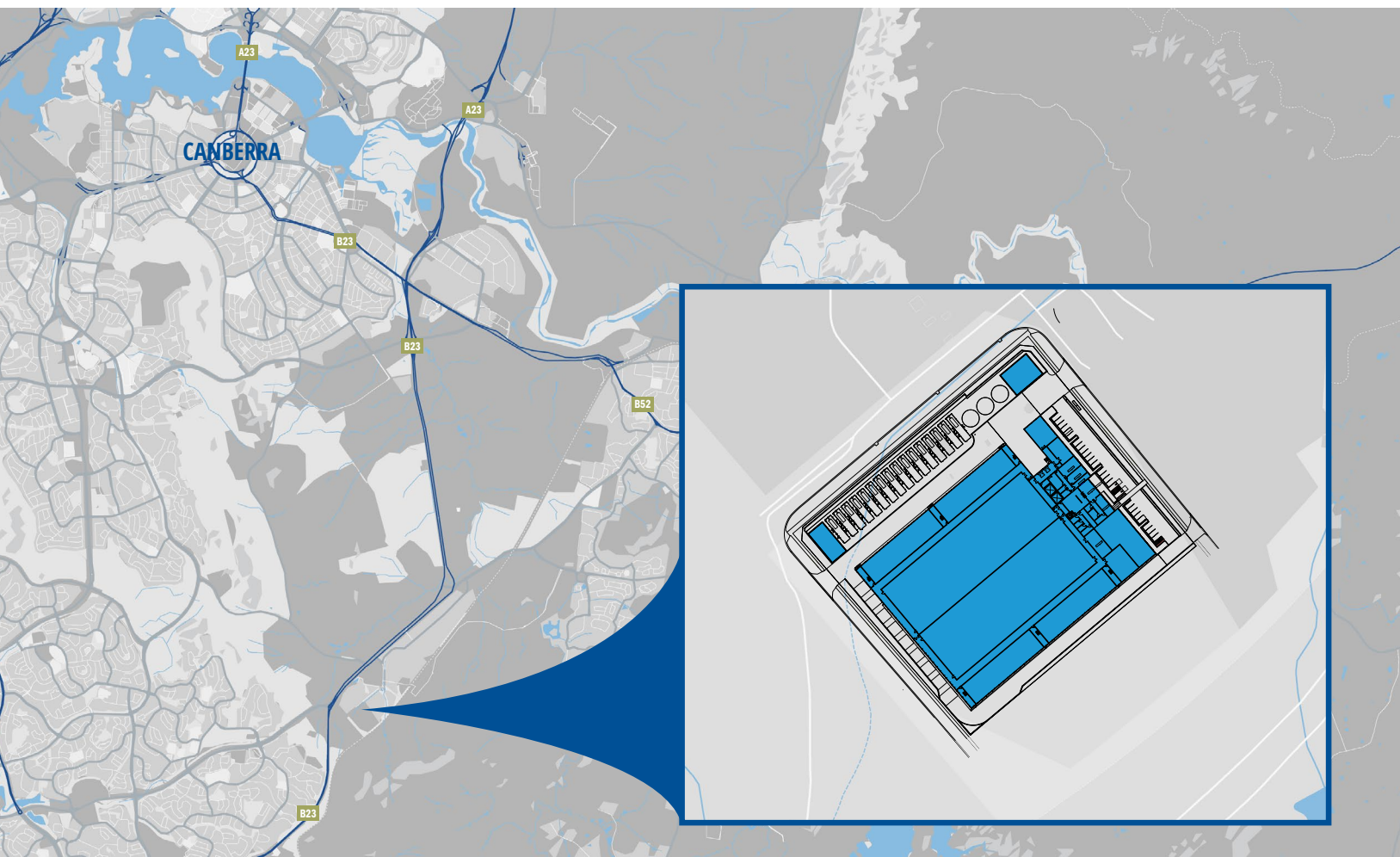
Central Location: Reach businesses and innovators across Asia Pacific from Australia's capital city and largest inland city, conveniently located between the major east coast cities of Sydney and Melbourne.

Significant Growth: Expand secure and sovereign digital infrastructure footprints with access to 28MW of critical capacity in a single data center.

Flexible Options: Choose from READYSTACK capacity for immediate availability, POWERSTACK shell deployments for optimal control, and HYPERSTACK build-to-suit for ultimate flexibility.

Comprehensive Connectivity: Capitalize on immediate proximity to major long haul fiber carriers and high-capacity dark fiber for low-latency connectivity.

Future-Proof Design: Implement higher rack density and floor loading specifications with our scalable design to address the evolving requirements in Australia and the APAC region.

STACK
INFRASTRUCTURE

Capitalize on flexible deployments and scalability in the Asia Pacific region.

OPTIONS AVAILABLE

HYPER STACK
BUILD-TO-SUIT

Built to scale.
Our HYPERSTACK build-to-suit option gives you total flexibility and control. Choose our purpose-built Basis of Design as a starting point, or work with the STACK team to develop a customized solution for your company to grow as fast as you need.

POWER STACK
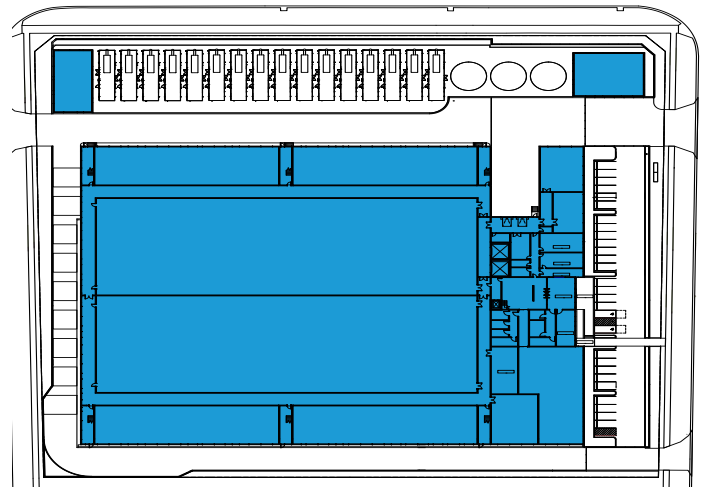POWERED SHELL

A flexible foundation.
POWERSTACK powered shell solutions are customizable base buildings designed for rapid deployments of right-sized capacity on demand. They're fiber-provisioned, fit-out ready, and available fast.

READY STACK
COMMISSIONED CAPACITY

Plug in and go.
When you need capacity even faster, you need READYSTACK. These rack-ready data halls are purpose built for your immediate needs with pre-installed racks, connectivity and power. You bring the equipment. We've got everything else.

STACK INFRASTRUCTURE

CAPACITY
Facility Size
- 2.4 hectares (6 acres)
Total Capacity
- 28MW Total Facility Capacity
Deployments
- POWERSTACK™: Immediately available shell capacity
- READYSTACK™: RackReady® data halls
- HYPERSTACK™: Build-to-suit

POWER & RELIABILITY
Evoenergy
- 11kV N+1 voltage lines
Electrical Redundancy (Generators / UPS)
- N+1 Block Redundant
Fuel Storage
- 48 hours of operation
PDU
- Client-dedicated PDU distribution
BMS Controls
- Client access to BMS portal

CONNECTIVITY
Diversity
- 2 Meet-Me-Rooms with diverse fiber entrances
Carrier Availability
- ICON
- Vocus
- TPG
- Telstra
- Fibre Path

COOLING & EFFICIENCY
Cooling
- N+2 air-cooled chillers
Floor Loading
- 20kN/m2 in data halls and access route floors
Annualized PUE target 1.30

SAFETY & SECURITY
Security
- 24 x 7 on-site security personnel
- Dual-factor biometric access
- CCTV coverage with 93-day retention
- Secure vehicle gates with badge access
- Perimeter fencing
- Tenant specific security
- Separate Yellow and Red Zone access elevators
- High Security SCEC security zones including perimeter fencing
- Type 1A alarm system
Fire Protection
- Dual smoke detection including VESDA/HSSD
- Double Interlocked Preaction Suppression System
- Located in an area of minimal flood hazard

CERTIFICATIONS SUPPORTED
- ISO Compliance
- ISO 9001
- ISO 14001
- ISO 27001
- ISO 45001
- PCI/DSS - Financial
- SSAE SOC 2 Type I and II
- SCEC SPSF Zone 4 or higher
- Federal Government Strategic Hosting Provider (DTA)
- DISP Certified - Defence Industry Security Program

AMENITIES
Work Space
- Conference and break rooms
- Complimentary WiFi
- Shared and dedicated office space
Storage
- Shared and private storage/staging
Client Conveniences
- Access to rail
- Showers
- Bicycle storage
- Vehicle Parking
- Multi-bay secure loading docks
- 20 foot container capabilities
- 5 ton and 1.6 ton elevators
- Restaurants and shops nearby

STACK provides digital infrastructure to scale the world's most innovative companies. With a client-first approach, STACK delivers a comprehensive suite of campus, build-to-suit, colocation, and powered shell solutions in the Americas, EMEA and APAC regions. With robust existing and flexible expansion capacity in the leading availability zones, STACK offers the scale and geographic reach that rapidly growing hyperscale and enterprise companies need. The world runs on data. And data runs on STACK.