

Australia / Site / Published revision 1

AirTrunk SYD3

400 MW • Facility power

Approved development total power consumption

Also known as: SYD3 Sydney West

Development status: under construction

AirTrunk hyperscale customer campus in Western Sydney, under construction. Published campus capacity exceeds 5 MW; commissioned IT load is undisclosed. Differently dated power claims and recent design changes require reconciliation.

Last researched: 2026-10-09 | Last verified: Not independently verified

Tracked dataset only. Unknown values are not zero. Evidence dates and measurement definitions must be considered when comparing sites.

Site photographs

No approved property photo available.

Site profile

Field	Published information
Operator	AirTrunk [1] [2] [4]
Owner	Unknown
Business model	colocation [1] [2]
Scale	hyperscale [1] [2]
Country	Australia [3] [4]
State / region	New South Wales [2] [5]
Metro area	Sydney [1] [2]
City / locality	Huntingwood [6] [7]
Address	51 Huntingwood Drive, Huntingwood NSW 2148, Australia [5] [6]
Coordinates	-33.797694, 150.876 • approximate precision. Converted from coordinates printed on the cover of the September 2022 planning traffic assessment for 51 Huntingwood Drive. Its street description corroborates the property; point placement within the parcel was not visually verified.
Parent	Not assigned

Capacity evidence

Do not add these claims together. IT load, facility power, grid connection and unspecified power are different measurements. Cumulative and incremental scopes remain separate.

Measurement	Development scope	Evidence / accounting
>320 MW IT load	Ultimate nine-phase SYD3 campus planned · cumulative	[2] reported · 2021-11-04 Excluded from totals. Announcement-date design IT load; not commissioned capacity.
>330 MW Unspecified power	SYD3 campus in Australian platform listing unknown · cumulative	[3] conflicting · 2025-12-24 Excluded from totals. Publication-date claim; basis and delivery state omitted. Relationship to other campus totals unresolved.
>400 MW Unspecified power	SYD3 campus under continued delivery under construction · cumulative	[4] conflicting · 2026-07-30 Excluded from totals. Contract-announcement date; campus scale, not size of incremental contract or operational load. Also advertised by current operator facility page.
400 MW Facility power	Approved development total power consumption planned · cumulative	[5] reported · 2023-09-15 Excluded from totals. As-of is original consent determination date shown on portal. Planning consumption differs in basis from IT load and is not evidence of electricity actually consumed.

Development timeline

2021-11-04 · announcement · SYD3 campus announced

Nine-phase Western Sydney campus announced separately from nearby SYD1. [2]

2023-09-15 · actual_approval · Original development consent

SSD-41589232 approved. [5]

2026-07-30 · announcement · Expanded construction contract

Bouygues subsidiary A W Edwards awarded €1.2 billion delivery contract. [4]

2026-08-28 · actual_approval · Design modification approved

MOD 2 consolidates shells and reduces approved GFA. [8]

mid-2028 · planned_completion · Expansion works completion

Contractor anticipates completion of announced expansion works; campus-wide commissioning is not established. [4]

Disclosed specifications

Land area: 8.3 ha

Operator-disclosed campus area. [1]

Technical data hall area: 70,000 m²

Advertised design; reconcile with later consent modification. [1]

Office and storage area: 9,600 m²

Advertised design area. [1]

Data halls: 42

Operator design count, not commissioned halls. [1]

Power feed: 132 kV diverse high-voltage feed

Voltage is not MW capacity. [1]

Design PUE: 1.15

Design target, not measured performance. [1]

Connectivity: Carrier neutral; multiple entry paths

Carriers and fibre routes undisclosed. [1]

Security design: SCEC Zone 3 or higher

Design statement; certification scope available on request, not independently established. [1]

Water efficiency: Approximately 80% less water than a traditional data centre

Operator design comparison; baseline and actual performance undisclosed. [2]

Modified approved GFA: 64,346 m²

August 2026 consent summary reduces original 122,546 m²; differs from advertised technical area and requires reconciliation. [8]

Modified shells: 5

Approved consolidation from ten shells; mechanical plant relocated to ground level. [8]

Corporate ownership: Blackstone and CPP Investments, alongside Robin Khuda

2024 AirTrunk acquisition; registered site owner remains unknown. [10]

Public business contact: info@airtrunk.com; +61 2 9953 4780

General customer enquiries and Sydney office telephone, not a facility-specific contact. [11]

Research gaps

- Registered property owner and site holding entity
- Commissioned IT load, energisation and first customer operation dates
- Relationship between 330+ MW, 400+ MW campus capacity and 400 MW facility consumption
- Current phase capacities and delivery sequence
- Google Maps listing and property-photo provenance
- Current built areas following August 2026 design modification

Sources and field evidence

Attribution does not establish independent verification or permission to reuse images. URLs refer to public evidence.

[1] SYD3 Sydney West | AirTrunk

<https://airtrunk.com/location/syd3-sydney-west/>

Published: Unknown · Retrieved: 2026-10-09

Operator identifies Western Sydney hyperscale campus, 400+ MW total capacity, technical areas, power feed and design specifications.

[2] AirTrunk expands Western Sydney region with new SYD3 hyperscale data centre

<https://airtrunk.com/airtrunk-expands-western-sydney-region-with-new-syd3-hyperscale-data-centre-asia-pacifics-largest/>

Published: 2021-11-04 · Retrieved: 2026-10-09

Announcement describes nine phases, 320+ MW IT load and proximity to separately named SYD1; page also displays a June 2024 update date.

[3] AirTrunk expands Australian platform with a second hyperscale data centre campus in Melbourne

<https://airtrunk.com/airtrunk-expands-australian-platform-with-a-second-hyperscale-data-centre-campus-in-melbourne/>

Published: 2025-12-24 · Retrieved: 2026-10-09

Lists SYD3 among Australian campuses at 330 MW+; does not specify power basis or commissioned load.

[4] Bouygues Construction secures expanded contract for AirTrunk's major hyperscale data centre campus in Australia

<https://www.bouygues-construction.com/en/about-us/news/bouygues-construction-secures-expanded-contract-for-airtrunks-major-hyperscale-data-centre-campus-in-australia>

Published: 2026-07-30 · Retrieved: 2026-10-09

A W Edwards awarded expanded delivery contract for 400+ MW SYD3; works scheduled from July 2026 through mid-2028.

[5] 51 Huntingwood Drive Data Centre | NSW Planning Portal

<https://www.planningportal.nsw.gov.au/major-projects/projects/51-huntingwood-drive-data-centre>

Published: Unknown · Retrieved: 2026-10-09

SSD-41589232 approved 15 September 2023; describes 400 MW total power consumption in Blacktown LGA.

[6] Data Centre Development: 51 Huntingwood Drive, Huntingwood — Traffic and Transport Assessment

<https://majorprojects.planningportal.nsw.gov.au/prweb/PRRestService/mp/01/getContent?AttachRef=SSD-41589232%2120220916T041047.692+GMT>

Published: 2022-09-09 · Retrieved: 2026-10-09

Cover gives 33°47'51.7"S, 150°52'33.6"E. Section 3.1 places property south of Huntingwood Drive, fronting the Western Motorway corridor.

[7] NAWIC NSW site tour: AirTrunk SYD3 Data Centre at Huntingwood

https://nawic.com.au/Site/Site/Events/Event_Registration.aspx?EventKey=NSWSTA26

Published: Unknown · Retrieved: 2026-10-09

Identifies SYD3 construction site and A W Edwards; April 2026 tour meeting address is 45 Huntingwood Drive, differing from planning address.

[8] 51 Huntingwood Drive Data Centre MOD 2 — Design Updates

<https://www.planningportal.nsw.gov.au/major-projects/projects/51-huntingwood-drive-data-centre-mod-2-design-updates>

Published: Unknown · Retrieved: 2026-10-09

Modification approved 28 August 2026 consolidates ten shells into five, reduces GFA from 122,546 to 64,346 m² and relocates mechanical plant.

[9] Our Story | AirTrunk

<https://airtrunk.com/about-airtrunk/our-story/>

Published: Unknown · Retrieved: 2026-10-09

Operator continues to list SYD3 at 400+ MW as coming soon.

[10] HUMAIN and Blackstone-backed AirTrunk announce partnership

<https://www.blackstone.com/news/press/humain-and-blackstone-backed-airtrunk-announce-partnership-to-build-state-of-the-art-data-centers-in-the-kingdom-of-saudi-arabia/>

Published: 2025-10-28 · Retrieved: 2026-10-09

Confirms Blackstone and CPP Investments acquired AirTrunk in 2024 alongside founder Robin Khuda; this establishes corporate ownership, not property title.

[11] Connect with AirTrunk

<https://airtrunk.com/contact/>

Published: Unknown · Retrieved: 2026-10-09

Publishes general customer enquiries and Sydney office telephone; office address is distinct from facility.

Name: [2] [1]

Aliases: [1]

Kind: [1] [2]

Country: [3] [4]

Region: [2] [5]

City: [6] [7]

Metro: [1] [2]

Address: [5] [6]

Operator: [1] [2] [4]

Business Model: [1] [2]

Scale: [1] [2]

Statuses: [4] [9]

Summary: [2] [3] [4] [8] [9]

Location: [6]

Stable identifier: 5633c0df-b08e-42c5-9b8c-913d69d954c7