

R3

DATA CENTRE

Equinix SG4 at 7 Tai Seng Drive

R3 Engineering is engaged to supply & install of
@**Durasteel Walls** (fire-rated board, 9.5 mm thk with steel
skins and cement core) for vital parts of the Data Centre.
And outdoor Genset Stacks.



R3 Engineering Pte Ltd (Singapore, since 2007) Reg./GST no. 200713279G



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We are an engineering and building and construction solutions provider.

Together with our associates and team of professional individuals, we provide management and design and build services within the building design and construction industries.

We are able to provide value engineering design and build and cost effective solutions to our Clients.

Since 2007, we have to date completed more than 300 projects of varying scale and types of buildings.

We are ISO certified (SAC ISO 9001, ISO 14001, OHSAS 18001 and bizSAFE Star) and obtained Singapore's BCA General Builder Class 1 and Specialist Builder (Structural Steel) since 2010.

Our scope of services include:

- Project Management
- Construction Management
- Architectural Design
- Civil and Structural Engineering Design
- Mechanical and Electrical Engineering Design
- Design and Build
- Contract Administration
- Construction & Site Supervision

In 2019, we were engaged in providing architectural design, C&S design, and M&E design for a private hospital project in Phnom Penh, Cambodia. In order to better serve our Clients and businesses in real estate and construction industry in Cambodia, we will be registering our company in Phnom Penh, Cambodia, as soon as the situation and economic climate are conducive after Covid-19 pandemic is over.

Today, we amassed a portfolio of projects across construction industry in varying scale, including technology & industrial buildings, infra-utility facilities, commercial buildings, airport-port related projects, and other civilian use buildings.

In Singapore or around ASEAN countries, through our dedicated team of building experts and professional individuals, we remain committed to provide our best-in-class services with excellence.

Our Registered Address:

8 Kaki Bukit Ave 4, #02-33 Premier @ Kaki Bukit, Singapore 415875

Contact details:

Office: +65 6789 4518

Contact Person: Mr. Jhon Low +65 9853 1209

Contact Person: Mr. John Liu +65 9663 3121

Contact Person: Mr. David Liu +65 9108 1077

Email: jhonlow@r3engrg.com, johnliu@r3engrg.com, david.liu@r3engrg.com

Website: www.r3engrg.com



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List of Projects (Data Center)

Project & Location	Scope	Status
Equinix SG4 7 Tai Seng Drive	Supply & Intsall of @Durasteel Walls (fire-rated board, 9.5 mm thk with steel skins and cement core) for vital parts of the DC; Supply & Install of Genset Stack	Completed
Notes: Included for reference only:	Please see the last page of this short document for a list of data centres recently built in Singapore.	



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List of Projects (Selective Technology & Industrial Building)

Project & Location	Scope	Status
Jacobs Ch2m Wafer Fab Gambas Ave, Woodlands	Supply & Intsall of precast components (2006)*	Completed
Seagate Wafer Fab Plant Woodlands Ave 4	Intsallation of precast components (2003)*	Completed
Manufacturing Plant (5-storey) 3 Loyang Way 6	Design & Build (Archi. C&S, M&E) (2015)	Completed
Mapletree Business City Alexandra Road	Supply & Install of steel frame/glass lift, wall cladding and steel structure for green walls and green roof (2010)	Completed
Factory (6-Storey) 72 Eunos Ave 7	Structural and external works (2013)	Completed
New scanning probe lab in NTU (vibration-free structure) NTU	Supply & Install of steel structure and RC structure (vibration-free) components (2012)	Completed
New Singapore Centre in NTU	Supply & Install of steel structure and composite structure (2011)	Completed



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List of Projects (Selective Special Projects – solutions for extreme difficulty)

Project & Location	Scope	Status
Marina Bay Sands Integrated Resort	Supply & Intsall of Ned Khan Art Walls with steel frames and stainless steel flappers (2011)	Completed
Marina Bay Sands Integrated Resort	Intsallation of Alum. Cladding for the 50-storey high 'sky park' (belly-bottom of the ship-like structure included) (2011)	Completed
Wisma Atria 435 Orchard Road	Façade articulation – detailed design and supply & install of structural frame and alum. Cladding And glazed façade (2012)	Completed
The Nouvel 18 18 Anderson Road	Supply & Install of Green-Art-Wall (spiral coil system) (2013)	Completed



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For reference only: a non-exhaustive List of Data Centers in Singapore

No.	Data Center	Location
1.	Equinix SG1 & SG3	26A Ayer Rajah Crescent
2.	Equinix SG2	15 Pioneer Walk
3.	Equinix Singapore	18 Cross Street
4.	Google DC	Jurong West Ave 2/St.23
5.	Facebook DC	Sunview Drive
6.	Microsoft	1 Marina Blvd
7.	ST Telecommunications	YCK Road
8.	SingTel DC West	8 Yung Ho Road
9.	StarHub	221 Boon Lay Place
10.	Keppel DC	13 Sunview Way
11.	MyRepublic	311 New Upper Changi Road
12.	Telin-3 DC	8 Sunview Drive

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