

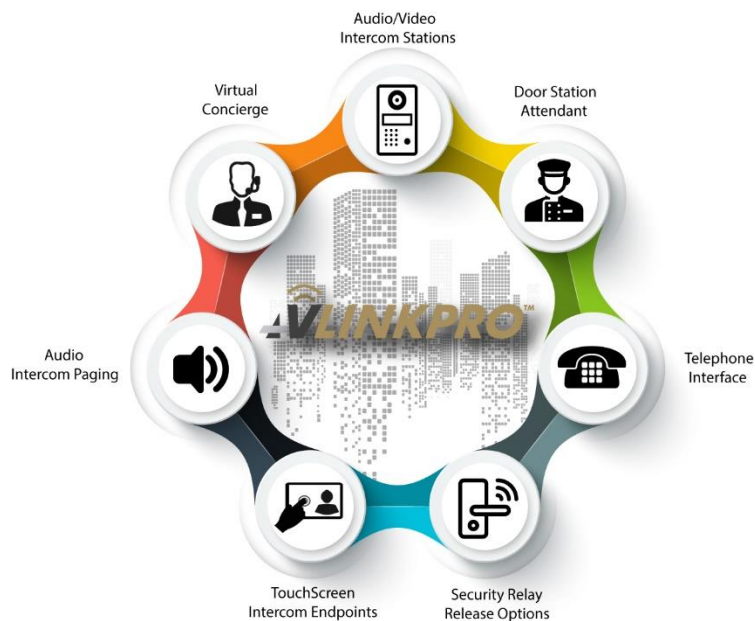
# MULTI-DWELLING INTEGRATION

CRESTRON HOME™

AVLinkPro™ is a leader in video intercom communication integration.

Today's smart residence environments call for interaction with a variety of technologies that provide inter-communication at some level to allow for security and safety as well as amenities to benefit the resident.

In the Crestron Smart home environment, AVLinkPro™ has provided a partner solution since early 2018 that allows for full functionality within all Crestron environments for audio and video communication.



## Why this solution is important to MDU integration?

- Video intercom from a shared entry point is a vital security amenity
- Residents want to have a communication path to concierge
- The ability to preview a visitor before allowing access is a key feature
- Residents want to be able to allow visitors to gain access to enter
- Integration within the Crestron ecosystem benefits the system, the resident as well as the building management and security position
- Such an amenity compliments the building security and convenience
- With AVLinkPro, Crestron systems can control elevators and access controls
- Real estate properties prove to be more attractive with such amenities



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## One Sydney Harbour is The Premiere Residential High-Rise in Australia

The three striking residential towers that comprise One Sydney Harbour are the final piece of Barangaroo South's transformation on Sydney's iconic waterfront. Three distinctive residence buildings are part of the luxury community surrounded by Sydney Harbor. The unique building designs by award winning master architect, Renzo Piano celebrate the skyline with a pinnacle of majestic living that is unmatched in its surroundings.

For each residence, the attention to detail extends beyond the four walls with an offering of luxury amenities for exclusive use by residents. State-of-the-art facilities designed to enhance everyday life will be available, including a concierge who will provide the utmost service, catering to the every need and responding to requests with meticulous care.

**Kayder AV**, a certified Crestron partner and an award-winning automation specialist based in Sydney, who integrates the very latest technologies into your home and workplace spaces reached out to **AVLinkPro**, a Tier One Crestron partner manufacturer to provide a unique security and communication solution for the individual residences. The **AVLinkPro** solution is recognized as the technology leader in communication bridge technology to allow single residence and multiple dwelling spaces connect via intercom and other communication devices.



**MDU Communication Solutions**

# One Sydney Harbour – LendLease Development

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**808** Luxury Suites with Waterfront Views across 3 buildings  
(Residences One, Residences Two, Watermans Residences)

1 & 2 Bedroom Suites with Den Options (800-1500 sq. ft.)

3 Penthouse Suites (1400-2200 sq. ft.)

Number of Floors: **72,60,30**

Integration in each residence: **Crestron Home**

Total Crestron touch screens dedicated to intercom: **808+**

Crestron systems being controlled in each residence:

**Lighting, Thermostats, Audio, Video, Shades, Intercom, Elevators...**

Main door entry device: **2N** video intercom

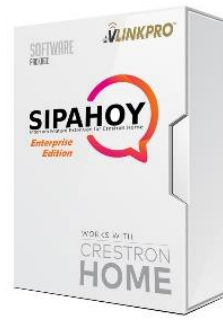
## The Challenge:

- To provide connectivity for the Concierge through the Crestron Home enabled touch screen panels.
- Allow residents to call elevator directly through Crestron Home panels.
- To provide a means to easily deploy up to 350 systems per building easily.
- The ability to deploy elevator control schemes with a spreadsheet.

## The Solution:

**AVLinkPro™** Provided three enterprise grade **LPRadPro** large scale PBX Bridge systems that will manage and coordinate each building MDU intercom solution through a network VLAN to each residence . The **AVLinkPro™** Team provided customization to accommodate the buildings Dormakaba Resivo access control system to allow for control over the various access points and the ability to call elevators to each individual apartment with a simple touch screen press.

The **AVLinkPro™ SIPAHROY Enterprise** platform is being utilized to enable maximum communication between endpoints and quick actions triggers to enable triggers to the Dormakaba systems as well as relays and access points.



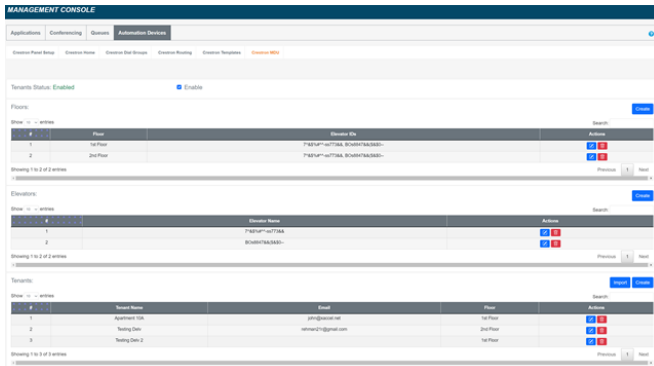
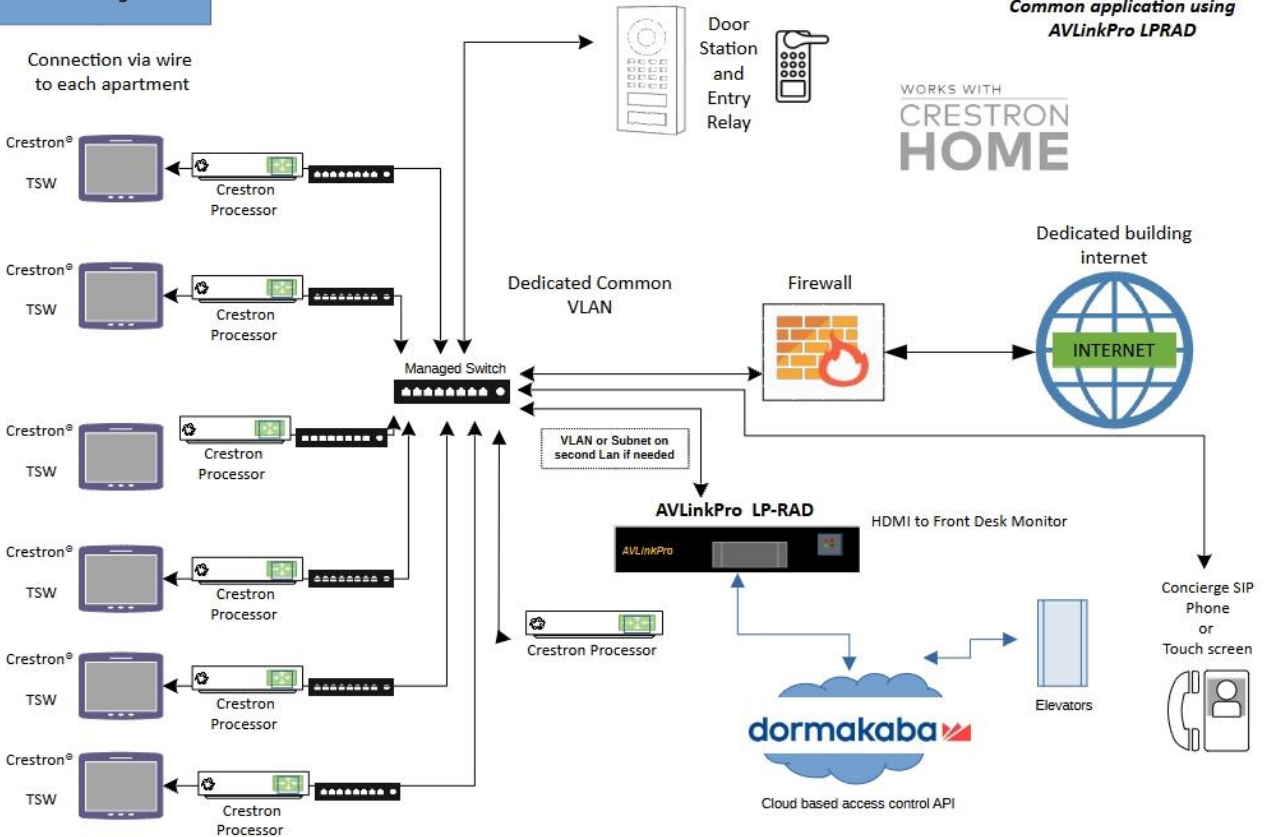
**Project includes: (Per Building)**  
 1 x AVLinkPro™ RADPRO Enterprise SIP PBX Bridge  
 AVLinkPro™ SIP Channel endpoint licenses  
 1 x SIPAHOY Enterprise platform for Crestron Home

**Crestron Residential Intercom Multi Dwelling Unit**

**Enterprise MDU Door-Station Connection with AVLinkPro™**

Connection VIA Internet from common building ISP

Common application using AVLinkPro LPRAD



Floor name	SIP Addresses Related to Floors			Apartment Names
	LIR 3	LIR 2	LIR 1	
Level 55				671-676
Level 53				681-666
Level 51				691-656
Level 50				641-646
Level 39				631-626
Level 38				621-626
Level 37				611-616
Level 26				581-586
Level 35				591-596
Level 33				581-586
Level 32				571-576
Level 31				561-566
Level 30				551-556
Level 29				541-546
Level 28				531-536
Level 27				521-526
Level 26				511-516
				501-506