

IAA MEMBERS FORUM 2025



Internet
Association
of Australia

Please turn your camera off and mute microphone during the opening presentation.



Housekeeping



The information session will be recorded. 

The open forum will not be recorded. 

IAA Board adopted a code of conduct for our events:

- Be respectful
- Be accepting and support others to participate
- Non-compliant attendees will be removed
- You may appeal, but won't be readmitted at this time



Agenda



- Member Survey Feedback
- IX Update
- Portal Update
- Policy & Advocacy
- Events Program
- Open Forum - any other business?

YOUR QUESTIONS AND
COMMENTS MATTER –
Please post them to the
chat or put your hand
up in Zoom any time!

Members Forum Survey Feedback



We received 2 survey responses

- 1 corporate; 1 professional member
- Comments received:
 - Peering works!
 - Membership is great value
 - IAA events are a great way to catch up with people in (and retired from) the industry
 - IAA's advocacy work is filling a hole in the industry

How does IAA communicate with Members?



- 4 Newsletters per year
 - Member News emails
 - Social media – LinkedIn, Facebook
 - Survey Monkey
 - During our events – both online and in person
-
- Are you missing out and not getting your emails? Are you subscribed? Send us an email to info@internet.asn.au and we can check and re-subscribe you if needed.
 - The DevOps team are working on improving the functionality in our portal which will give members the ability to nominate their communication preferences.

Discounts & Promotions



- 3-month free now 12 months free!
(first IX 10G port per exchange)
- 100G BOGOF (Buy-One-Get-One-Free) for content providers
- FREE 100G LR1 optic when 100G LR1 is selected on order
(not compulsory – feel free to use your own)

Keep an eye/ear out for others also coming!





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IX update



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Overall / General / Misc



- **Remove all legacy devices** (in progress, ETA Aug/25)
- **Migrate exchanges to EVPN VXLAN** (under review; pending legacy removals)
- **Compute Node refresh**, significant performance issues on current 4x proxmox cluster, ~11yr old CPU, ceph + kube + c-states = ugly (in progress)
- **DNS Re-architecture (done)**
- **AS10084 Content Network hardware refresh** (in progress)
- **Bird BGP upgrades** – Faster RPKI changes, RFC 9234 and arouteserver deployment changes (under review)
- **Looking Glass Improvements** – essentially copying <https://lg.de-cix.net/> :D (in progress)
- **New Employee** – Trainee Peering Engineer (in progress)
- **New Website** – internet.asn.au (**done**)
- **Metrics system revamp** – metrics.internet.asn.au (**done**)



IX Upgrades, Updates and Upheavals



NSW-IX (done/in progress/under review)

- Consolidated 3x 32x100G switches for re-use in other exchanges (**done**)
- VDC-SYD01 (syd5) - DC Shutdown EoL 31 May 2025 (in progress)
- Replace 3x Switches in Global Switch with single 400G box (Under Review)
- PoP NextDC S2?! (Under Review)

VIC-IX (done/in progress/under review)

- 400G hardware on the way! Expecting delivery ~July (in progress)
- 1x new 100G device at Equinix ME1 for 10G access ports (in progress)
- PoP NextDC M2?! (Under Review)



IX Upgrades, Updates and Upheavals



QLD-IX (done/in progress/under review)

- Upgraded Steam Caches (NVME!!), old caches moved to Adelaide, pushing disks too hard for the 2x100G uplinks, woohoo! (**done**)
- NextDC B1; Mass migration of peers via old low-density SC panels, involves decommissioning of legacy switch (in progress)
- Host Networks (bne5) end of life – 21st August, negative long-term growth (in progress)
- 400G Hardware upgrades, hoping before EOFY FY26 (under review)

SA-IX (done/in progress/under review)

- 100G Upgrades on the way ETA completed by 21st May (in progress)
- 3x New ZPE nodegrid (OOB) devices to support 10G minimum speed for inband path (**done**)
- MORE content at NextDC A1 via AS10084 to come, secret for now, currently have: Netflix, Steam, Google (in progress)
- Ring upgrade on the way, 400G into each site, ETA completed by 22nd May (in progress)

IX Upgrades, Updates and Upheavals



WA-IX (done/in progress/under review)

- QV1 Site Shutdown – 30yr old 'bunker' data centre is a 'fun' clean up!! (in progress)
- Ring upgrade to 400G into each site + New 100G box at NextDC P1 (**done**)
- 100G Port availability now at VDC-PER01 – Cloudflare 2x100G on the way (**done**)
- Mass migration of peers off old SC panels (same as QLD), involves legacy device decommission (under review)

ACT-IX (done/in progress/under review)

- Core Link upgrades (under review)
- Low growth, Re-assessing ACT-IX's purpose, collapse into NSW-IX? (under review)
 - Not enough networks in ACT :-)

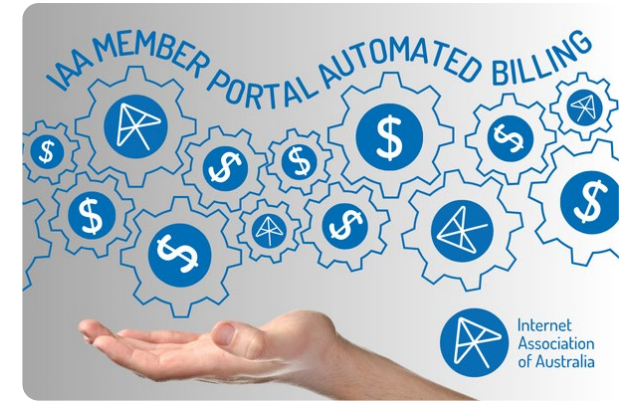
TAS-IX (done/in progress/under review)

- Continued growth phase, currently still FREE
- Re-use old cache nodes for content, backhaul is expensive++, likely not for a while (under review)

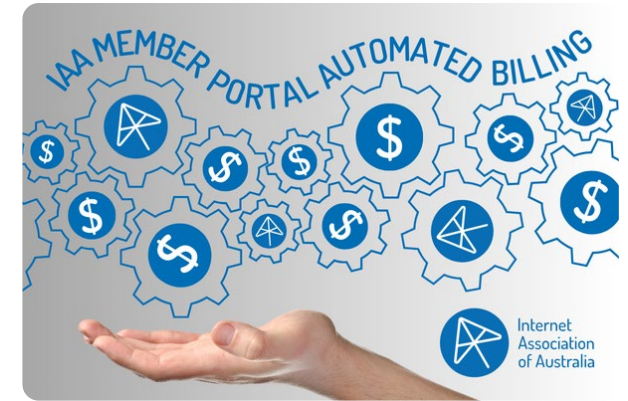
Portal!



- **Optic selection** is now available on order
 - Members can select from LR4 or LR1 optics for 100G ports, this information is available on LOA PDFs as well.
- **MA/MSA/Other account documents now built-in.** (Part of the new MSA rollout)
- Portal Billing Automation, MANY features including:
 - **New Ordering page and workflows** for each product type.
 - **New Cart system** that allows members to order multiple services at once, including services that are dependent on other cart items.
 - Improved back-end actions to handle orders with multiple items.
 - **Invoices and Account Summaries are now generated and sent out by the portal.** All payments are also via the portal or by manual bank transfer now.
 - **Better pricing displays**, especially where discounts were applied to services. Any discounted services now display their normal and discounted prices including when the discount expires if applicable.
 - **Users can now opt-in/opt-out of a range of notification types** (sorry anyone bombarded by invoice emails – fixes are on the way before next months notifications!)



Portal Future!



- **Billing Automation verification phase**
 - Currently heavily monitoring and resolving any bugs as it's such a critical feature
- IAA will then **deploy Billing Automation to NZIX's portal we manage**
- **Service Automation**
 - Billing Automation took longer than expected :(
 - Full Network Automation was intended before Billing Automation, issues came up
 - Currently ~80% complete, config is generated automatically, but manually committed to devices
 - As Billing Automation was deep in development, prioritized shipping that before focusing back on Service Automation
 - **TLDR:** Automatic service changes e.g. MAC address updates, ETA ~3 months (last member forum we stated Q2 2025, a little behind)
- **Cloud Connect product revamp** – use APIs to auto-provision cloud connectivity (under review)

Want to peer? Tell us where!





IAA MEMBERS FORUM 2025

Policy &
Advocacy



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New Regulation



Security of Critical Infrastructure – Telco Rules:

- Telecommunications Security and Risk Management Program Rules

Outages rules (commencing 30 June):

- Telecommunications (Customer Communications for Outages) Industry Standard Variation 2025 (No.1)
- Telecommunications (Consumer Complaints Handling) Industry Standard Amendment 2025 (No. 1)



Watch Out For....



TIO Complaints Handling Processes (commencing 1 July)

Consultations:

- Increasing legislated broadband speeds for SIP – DITRDCA
- New SBAS class exemption - ACCC
- Updating Industry Guidance on Broadband Speed Claims - ACCC

Telecommunications Amendment (Enhancing Consumer Safeguards) Bill

- CSP Register
- ACMA's direct enforcement powers





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Events update



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IAA Convergent event series



HOBART



IAA Convergent event series



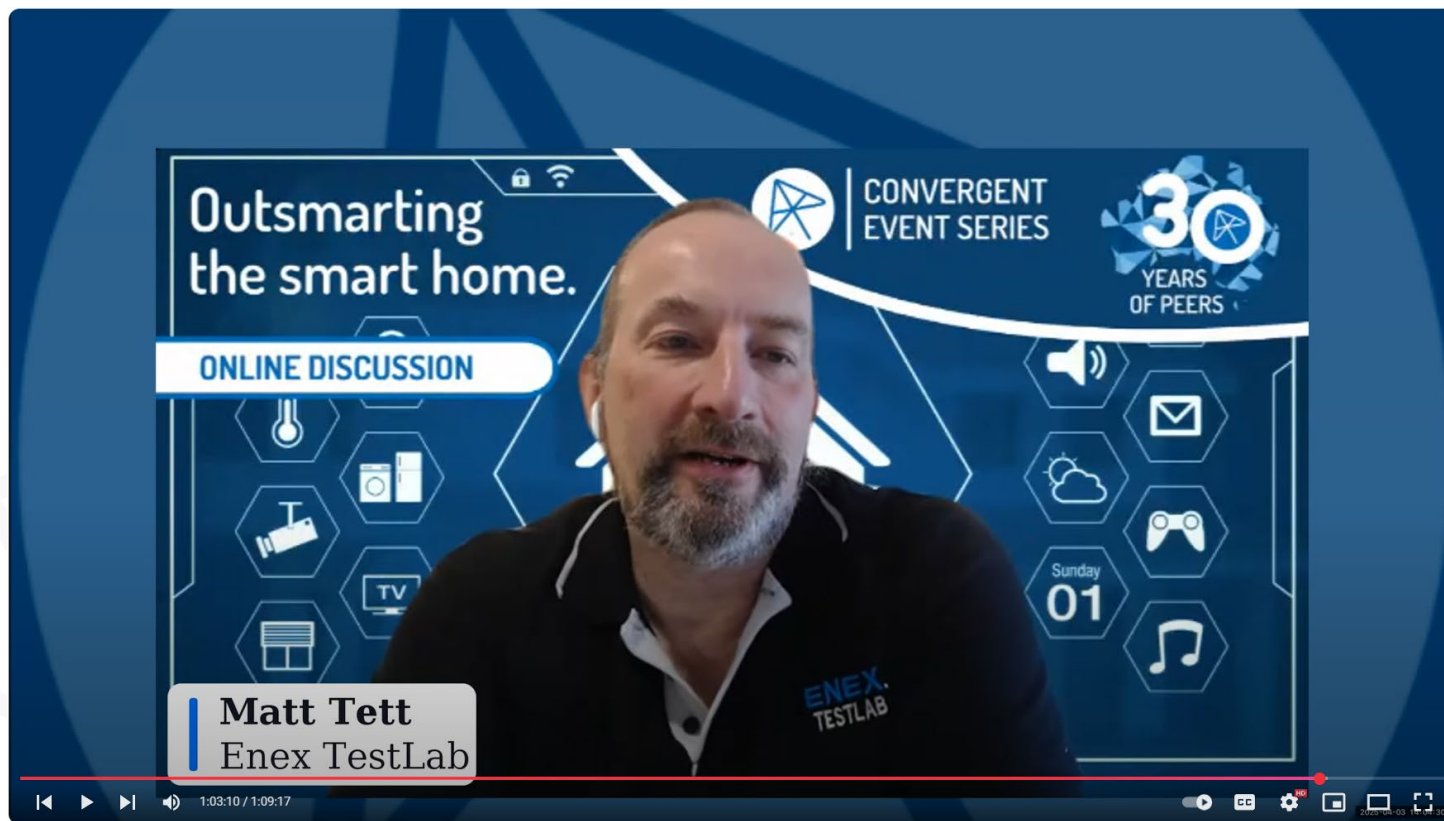
MELBOURNE



IAA Convergent event series



ONLINE



IAA Convergent event series



- Join us for more...



30 YEARS OF PEERS

ADELAIDE

PROHIBITION LIQUOR CO.

WEDNESDAY
21 MAY 2025

 **CONVERGENT EVENT SERIES**



30 YEARS OF PEERS

PERTH

VARNISH ON KING

WEDNESDAY
30 JULY 2025

 **CONVERGENT EVENT SERIES**



30 YEARS OF PEERS

BRISBANE

VENUE TO BE CONFIRMED

COMING SOON

 **CONVERGENT EVENT SERIES**

IAA Convergent event series



- Join us for more...



Let's make history at IAA's anniversary celebrations!

BRING YOUR TECH RELICS TO OUR NEXT EVENT!



CONVERGENT
EVENT SERIES

2024/5 IAASystems

- IAASystems Sydney 2024



2024/5 IAASystems



- IAASystems NZ 2025



2024/5 IAASystems



- IAASystems Melbourne 2025





IAA MEMBERS FORUM 2025

Governance



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IAA Governance Updates



Board adopted IAA Board By-laws

- You can find the By-laws on our website

Membership and Master Service Agreements

- Please approve them in the Portal

And in other news...

- Key to our success is our staff: **Great Place to Work** recertified





**IAA
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2025**

**THANK YOU
FOR
ATTENDING!**



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