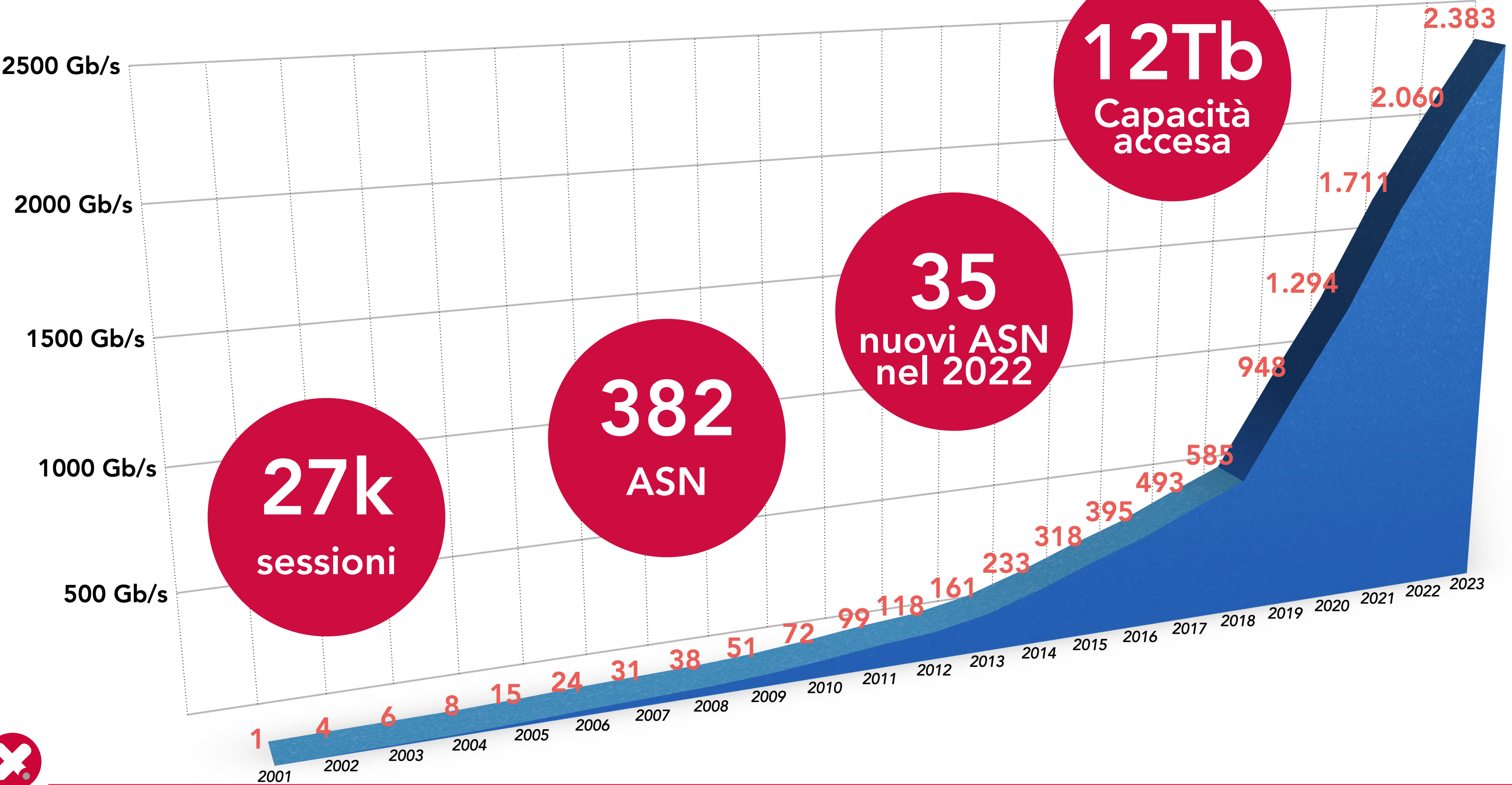




MIX update @ ITNOG7

Simone Morandini

Progressione picchi traffico



Attività future sulla LAN di peering

- ➡ Espansione core
 - $n \times 100\text{G} \rightarrow n \times 400\text{G}$
- ➡ Migrazione architettura di rete
 - L2 puro \rightarrow VXLAN/EVPN
- ➡ Ampliamento dominio di broadcast
 - $/23 \rightarrow /21$



Piattaforma di peering nazionale

- MIX sarà presente sul territorio con **5** punti di interscambio:
 - MIX-IT, in tutte le location
 - MIX-IT Palermo, in OHM
 - MIX-IT Bologna, in BOIX
 - MIX-IT **Roma** e MIX-IT **Caserta**, in attivazione entro Q3 2023
- IXP **locale** in ogni PoP
 - LAN separate
 - Indirizzamento separato
 - Route-server dedicati



Customer Portal

- Novità nella gestione delle cross-connect:
 - Richieste multiple con unico form (fino a 8 patch)
 - Cronologia delle richieste inviate
 - Richiesta dismissione dal portale
- Statistiche IPv6 (entro Q3)

MIX Finder

The screenshot displays the MIX Finder web application. On the left is a sidebar menu with options: Dashboard, Utenti, Lista membri, Statistiche, MIX Finder (highlighted), Cerca nel Finder, Impostazioni, Gestisci contatti, Gestisci servizi, Gestione richieste, Apparati, Circuiti, and MIX DC access form. The main content area features a search bar and two filter sections: 'Cerca per location' (with checkboxes for MIX Core DC, Equinix ML2, Equinix ML5, DATA4 Milan-Cornaredo, Stack EMEA, Caldera21, IRIDEOS Campus, IRIDEOS Campus3, Aruba IT3, BOIX, and Open Hub Med) and 'Cerca per servizio' (with checkboxes for Network Services like BGP Consultancy, Ethernet, IP Transit, Metro Dark Fibre, Milan DC to DC Connectivity, National Wholesale Access (KIT), Public Cloud Connectivity, and Wavelength; and Security Services like Data Loss Prevention (DLP), DDoS Mitigation, Intrusion Detection System, Secure DNS, Secure Remote Access, Secure Web Gateway (SWG), and Web Access Firewall (WAF)). Below the filters is a table listing providers and their services:

Provider	Data center	Servizi
xstream	MIX Core DC	IP Transit, National Wholesale Access (KIT)
Eolo	MIX Core DC	IP Transit, Milan DC to DC Connectivity, National Wholesale Access (KIT), DDoS Mitigation
OpenFiber	MIX Core DC	Metro Dark Fibre, National Wholesale Access (KIT)
Telecom Italia Sparkle	MIX Core DC	IP Transit, Metro Dark Fibre, Milan DC to DC Connectivity, DDoS Mitigation
Airbeam	MIX Core DC	BGP Consultancy, Ethernet, IP Transit, Metro Dark Fibre, Milan DC to DC Connectivity, Public Cloud Connectivity (Amazon, Azure, GCP, ...), Wavelength
ITGate Network	MIX Core DC	Ethernet, IP Transit, Milan DC to DC Connectivity, DDoS Mitigation, Public Cloud Connectivity (Amazon, Azure, GCP, ...)
Seeweb	MIX Core DC	IP Transit, Milan DC to DC Connectivity, DDoS Mitigation, Web Access Firewall (WAF), Public Cloud Connectivity (Amazon, Azure, GCP, ...)



Progetti educational

- ➔ MIX'COOL
 - ~4000 studenti in 10 anni
- ➔ Corsi di formazione per i clienti
 - Fondamenti di BGP
- ➔ Ponte scuola-lavoro
 - Incontro domanda-offerta



Prossimi eventi



A breve
(virtuale)

Metà
novembre

SALOTTO 



Grazie!

