



CPMS – Where are we?

European Reference Networks
Clinical Patient Management System



CPMS strengths and weaknesses / 1

- CPMS is a **virtual consultation platform** provided free of cost to all the rare disease networks.
- It is the first of its type to be fully **GDPR compliant**.
- Its purpose is to **assist in the joint diagnosis** of patient cases needing specific expertise.
- The expansion of the ERN community with the arrival of Affiliated Partners in 2020 and the future arrival of new members in 2021 is challenging the sustainability of the system in terms of operational costs and governance.



CPMS strengths and weaknesses / 2

Unfortunately, during several CPMS sessions, we were faced with technical issues (ad hoc sound, ad hoc access, ad hoc video). Please make sure to send the list of IP Whitelisting to your IT department, for use with application CPMS: <https://cpms.ern-net.eu/login/>

I will resend this info to all of you by email.

5.3 IP Whitelisting

Video facility services require connection to specific IP ranges and ports. UDP port 3478 only accepts inbound traffic after an outbound request is sent. The connection is bidirectional but is always initiated from the corporate network/client so it is **NOT** possible for an external entity to send malicious traffic in the opposite direction. You will need to open the following on your corporate firewall:

Protocol	Ports	Direction	IP Range Destinations
TCP	443	Outbound	See list in section 5.3.1
UDP	1025 - 65535	Outbound	See list in section 5.3.1

Opening only the outbound TCP Port 443 will allow TURN servers to send media traffic via TCP as well as TCP/TLS.

Opening outbound UDP port range 1025-65535, will allow direct media transmission from client to media servers and back, as media servers accept one connection per port (and UDP port 3478 will allow TURN servers to send media traffic).

5.3.1 IP Whitelisting

The following IP ranges are used for the video conferencing services:

IP Network/Mask		
74.201.205.0/25	13.251.158.0/28	3.127.48.224/28
72.251.224.0/25	52.213.63.176/28	3.248.243.144/28
72.251.228.0/25	99.80.88.240/28	3.234.248.80/28
95.172.84.0/25	3.123.12.128/28	3.248.244.96/27

117.20.41.128/25	34.223.51.192/27	18.156.18.0/27
52.41.63.240/28	34.223.51.224/27	18.180.159.224/27
52.200.60.16/28	3.214.145.96/27	18.141.165.128/27
52.51.63.16/28"	3.234.232.160/27	3.7.161.0/27
54.250.250.208/28	34.222.66.96/28	3.7.161.48/28
52.65.127.192/27	99.79.160.16/28	18.179.48.208/28
52.66.255.192/27	18.202.216.0/28	3.25.48.192/28
54.89.253.64/28	18.139.118.176/28	18.157.71.112/28
35.158.127.224/28	3.248.234.48/28	3.235.255.176/28
34.218.216.144/28	44.232.236.96/27	44.234.90.64/28

CPMS strengths and weaknesses / 3

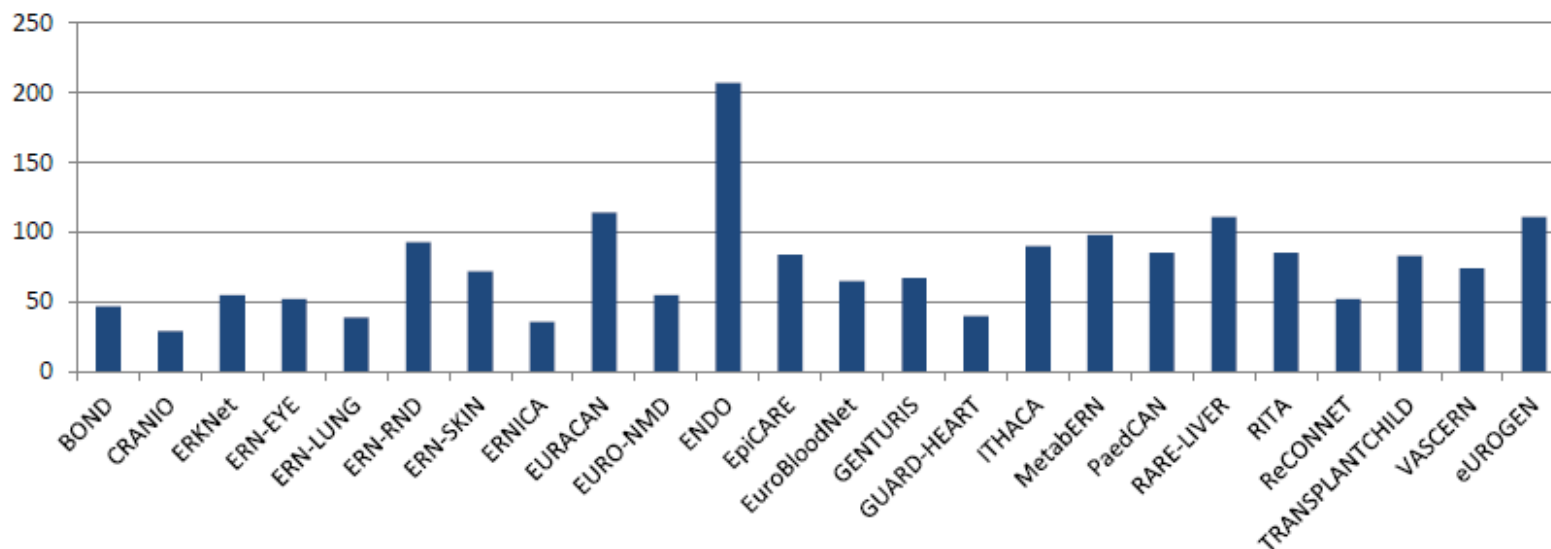
- In order to improve the interface and make it more User Friendly:
 - A new, more advantageous, licensing model is being negotiated, allowing for an unlimited grow of the community,
 - Working indicators are being prepared to monitor the use of CPMS and enable a fair assessment of the involvement of each member of a network. The current use of CPMS is suboptimal, with less than 1 patient/healthcare provider/year,
 - Time line for the release of the simplified tool:
 - 1st phase end of 2020,
 - 2nd phase end of Q1 2021.

MORE INFO TO COME SOON!!!

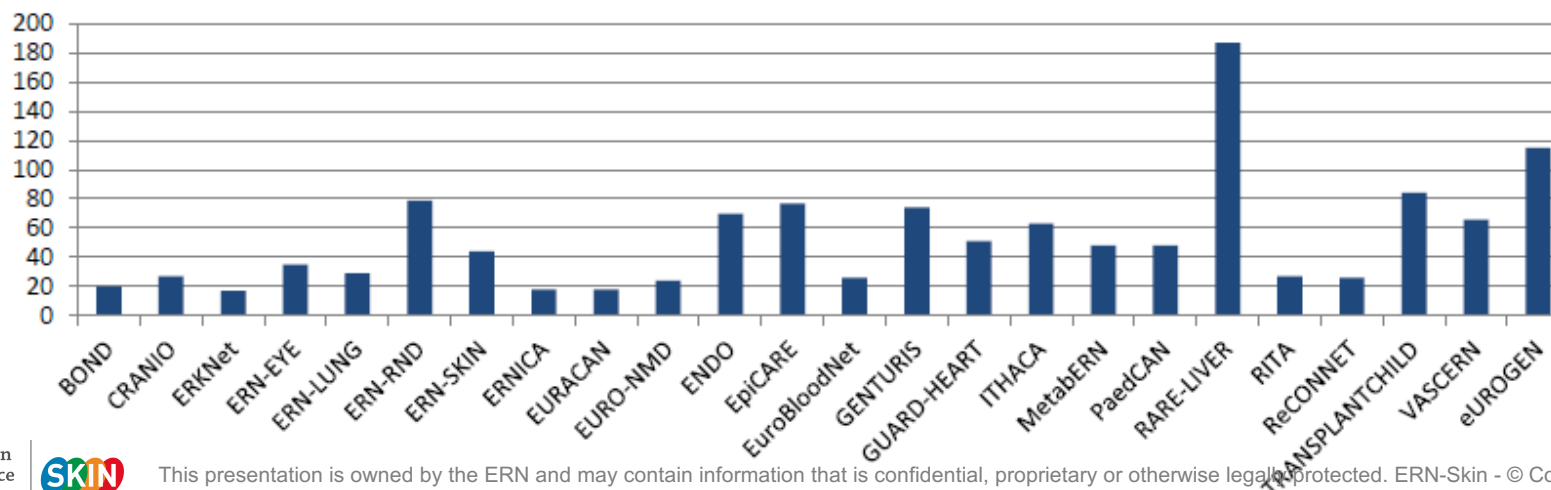


Statistics from EC for all 24 ERNs

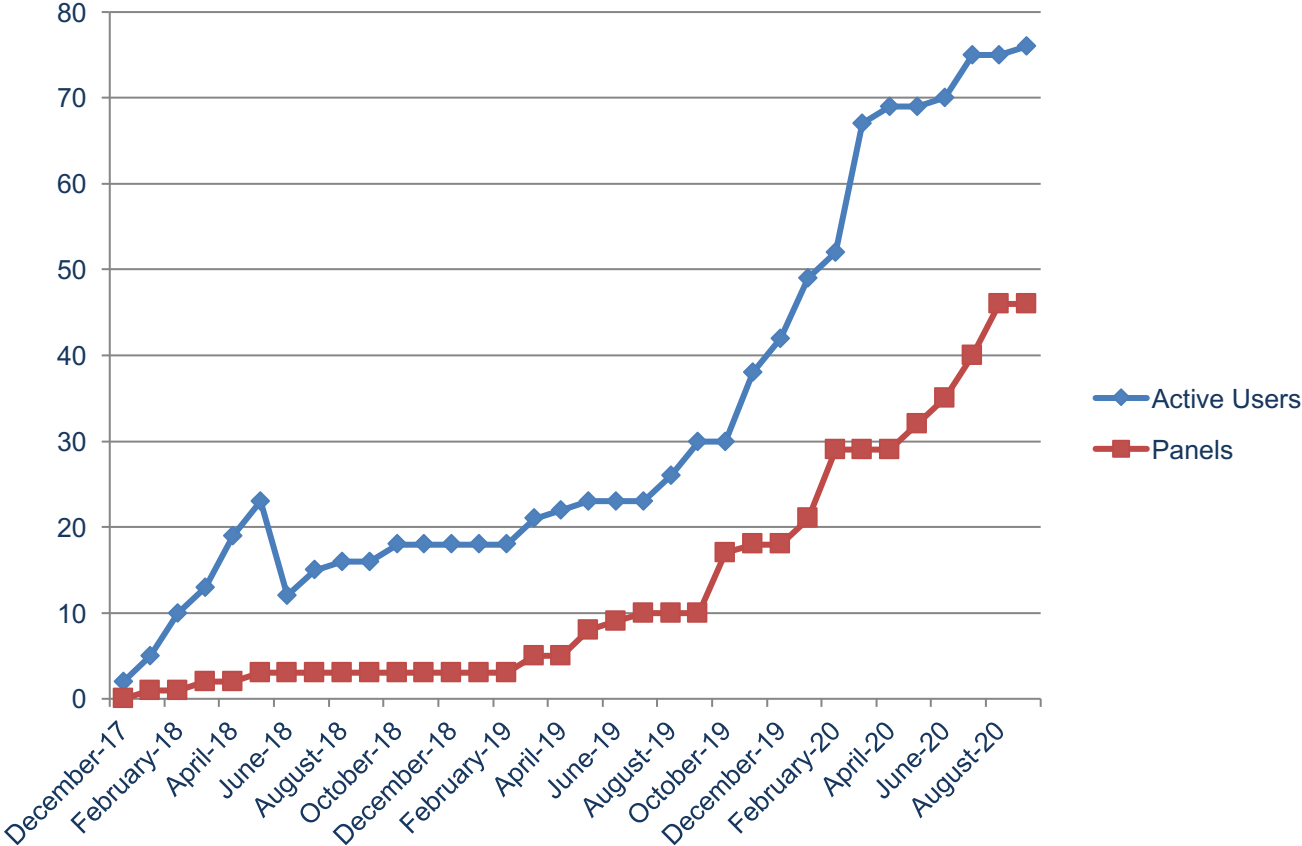
Total unique active users per ERN since November 2017



Number of panels



ERN-Skin: our activity



Any Questions?