

Electronic Communications

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Goals

The Region 8 Electronic Communication Coordinator’s job is to facilitate communication, both between members of the Region 8 Committee and between this committee and present or future IEEE members.

What is involved:

1. Supporting technically and administratively the committee meetings.
2. Performing content updates to our web server.
3. Managing access rights to the various systems we administrate.
4. Performing security and other feature updates to our web server.
5. Maintaining and updating our mailing distribution lists.
6. Creating new OU's websites at our web server and supporting their initial steps.
7. Supporting the chairs and appointed members during online meetings.
8. Creating custom pages at our website to perform custom functionalities.
9. Performing bug fixes caused by updates to our web server.
10. Investigating new technologies.
11. Developing tools as needed (e.g., the on-screen timer adopted by IEEE and is used at the board of directors it was developed by us by our own initiative).
12. Investigate Cybersecurity issues.

Progress against goals since the last report

Important changes to our webserver

We moved out all sub-sites from our main server to a secondary server. This change allows us to better secure our main server as we are able to reduce the number of installed plugins and significantly the number of users with edit rights.

Statistics from Jetpack.com





Statistics from Google Analytics



The difference between the two statistic sources is expected due to the methods that both pages collect data.

Statistics from WordFence

Firewall Summary: Attacks Blocked for ieeer8.org/

Block Type	Complex	Brute Force	Blocklist	Total
Today	16	0	113	129
Week	65	0	590	655
Month	360	0	4,426	4,786

A complex attack is when a visitor makes a request to the site that is specifically crafted to exploit the site or find a vulnerability they can later exploit.

Brute force attacks are username/password-guessing attempts.

The blocklist is the number of times an IP has been preemptively blocked from accessing the site altogether.

OU Analytics Video

We create an educational video on how to download the personal information of the member that belong to an IEEE OU using the IEEE OU Analytics tool. The video can be found here: <https://www.youtube.com/playlist?list=PLU-Z0KX1xH6nMpzYXbb1ZXNiTK5VpxMAV>

Password Manager

We are in the process of investigating secure password managers with full encryption even for data at rest to be used for the needs of the Region. A few demos were setup and we are investigating the best options that will provide security and easy of use.

Hybrid Meetings

Together with the OpCom, we are working on possible solutions to transform the regional committee meetings to hybrid ones. We had our first go during the 117th committee meeting in Frankfurt.