

## NDC Evolution

*Friday, 23 June 2023 09:28 (1 minute)*

In 2012, thanks to synchronous work between CTBTO and FACEN - UNA (Facultad de Ciencias Exactas y Naturales de la Universidad Nacional de Asunción), the National Data Center of Paraguay (NDCpy) was set up and inaugurated in the FACEN seismology laboratory. In this first stage, it had a server and a PC. Our two stations (CPUP and IS41) and the primary seismic CTBTO stations in South America are also received in real time. In an update in 2018, two more PCs were added for analysis, new analysis software, and existing software were updated. Auxiliary CTBTO stations were included as well and was also configured to receive x stations from the IRIS network in real time and also thanks to a joint project with USP of Brazil Four new ones were installed and received at NDC in the territory of Paraguay as well as xx more stations distributed in Brazil, in addition to having access to more data through NMS\_clients. With those improvements the regional seismic monitoring is covered, and local location events were improved. Future plans are planned in order to continue updating and improving the seismic monitoring work.

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### Promotional text

The main goal of the presentation is to show how the growth of the National Data Center was as well as how those updates had contributed to the improvement of the monitoring performance.

### Oral preference format

in-person

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