

# PCM30U-OCH Family

## Developed and made by TTC MARCONI



### Country of origin:

Czech Republic

### Company:

TTC MARCONI (from 1992)  
Origin. TESLA VÚT (from 1953)

### TTC Holding:

TTC MARCONI is a daughter company of TTC Holding that is active in the field of data centers, elevator technology and real estates

### Customers:

Telecommunications, power engineering, transport, public administrations, armies

### Products:

Development and manufacturing of transmission equipment, dispatcher systems, security systems, data networks, system integration

### PCM30U Family

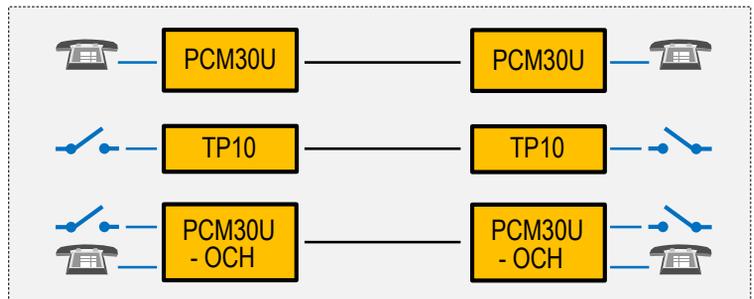
Includes several types of transmission devices consisting of many optional modules possible to use for a wide range of services

## PCM30U-OCH Transmission Devices

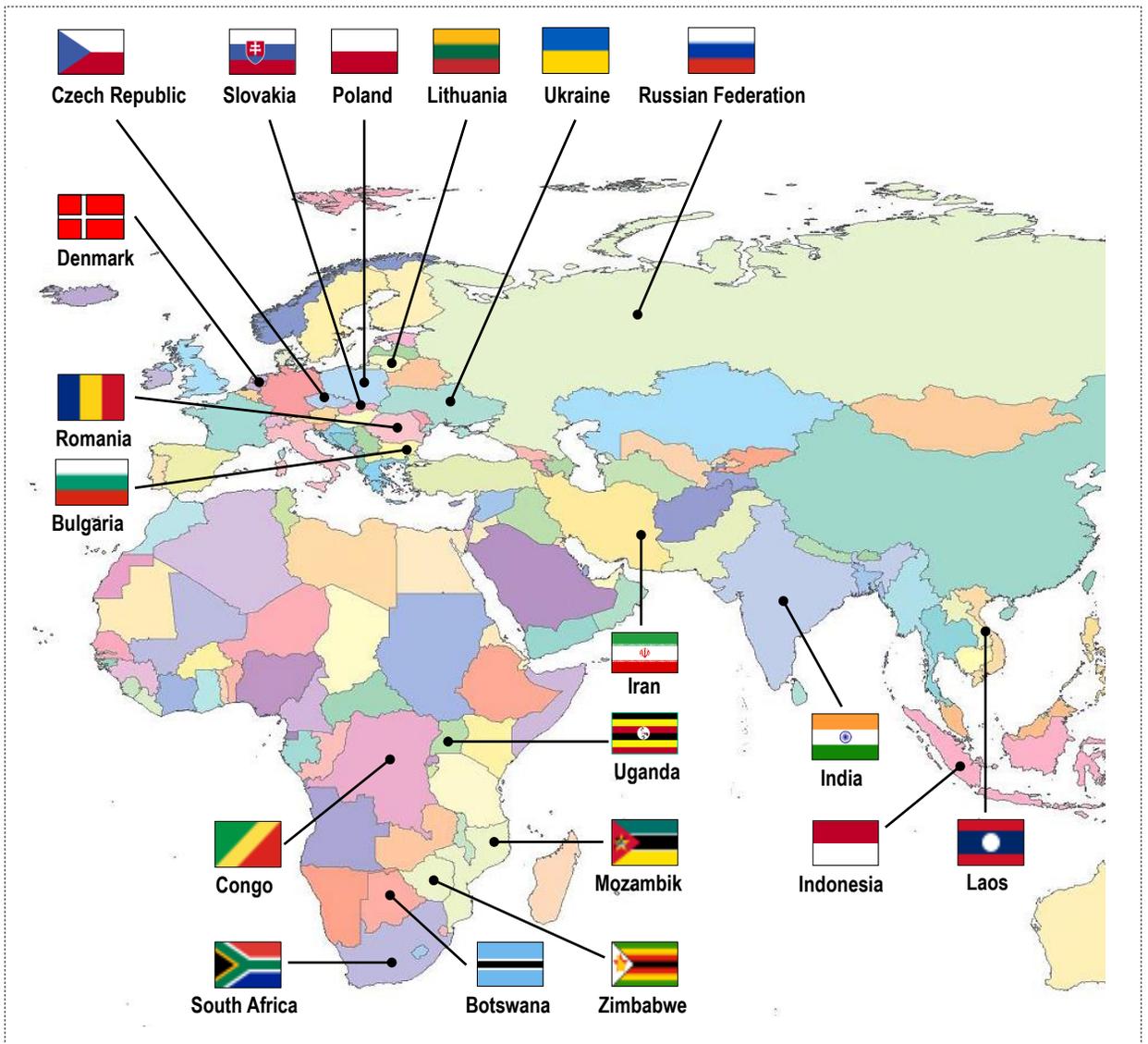
TTC MARCONI builds on the tradition of its predecessor, TESLA VÚT Research Institute, which was the development base of switching and transmission technology of then Czechoslovakia.

In TESLA VÚT, since the 1960's, the development of PCM transmission equipment has been ongoing. After the transformation of TESLA VÚT into TTC MARCONI, the production of its own PCM30U transmission equipment was started. The combination of development and manufacturing has enabled a flexible response to customer requirements.

Our developers have already modified the original PCM30U family equipment several times, and now the current version offers cost-effective solutions to varying requirements.



The PCM30U family was originally developed for the transmission of telecommunication signals in public telephone networks, in power and other private networks. After completing the digitized telephone network, its further development focused mainly on the transmission of teleprotection signals of both distance and differential protection and other services for power engineering. At present, a set of devices is available which allows the individual transmission of telecommunication signals (PCM30U type), teleprotection signals (TP10 type), and their simultaneous transmission by one device (PCM30U-OCH type).



In almost twenty countries, more than 5000 installations of the PCM30U family have been installed, most of them in the Czech Republic, Russia, Slovakia, Bulgaria, Ukraine and Poland.

In addition to the large number of conventional power plants, the PCM30U-OCH is also a part of the line protection in five nuclear power plants (CR, SR, Bulgaria).

*„Thanks to the versatility of the equipment and the ability of the company to respond to changes in the downstream infrastructure and to the customer’s wishes, the PCM30U family’s equipment is used for the long term in power engineering, railroads and other private networks.“*

**Jan Němec**  
**Product Manager, TTC Marconi**