

27 March 2025

YRP R&D Promotion Committee

MOU signed with CPQD to promote cooperation and collaboration
for the development of OTIC and Open RAN areas
in both Japan and Brazil

Yokosuka Research Park R&D Promotion Committee (President: Masataka Kawachi, hereinafter referred to as "YRPC" (*1)) has concluded a Memorandum of Understanding (MOU) with Centro de Pesquisa e Desenvolvimento em Telecomunicações (hereinafter called "CPQD"(*2)) of Brazil to promote cooperation and collaboration in the fields of OTIC (*3) and Open RAN.

The MOU was officially announced at the Japan-Brazil Economic Forum held on March 26 during the visit of Brazilian leaders to Japan.

YRPC, in cooperation with Japan OTIC (*4) and Open RAN-related companies, will promote cooperation and collaboration with CPQD in the areas of information exchange, delegation/personnel exchange, public relations activities, joint research and development, etc. based on this MOU, and contribute to the development of OTIC and Open RAN fields in both countries.



The Japan-Brazil Economic Forum held on March 26 with the participation of Prime Minister Ishiba and Brazilian President Lula.



The third person from the right is Mr. Kawauchi, president of YRPC.

- *1 **Yokosuka Research Park R&D Promotion Committee:** A general incorporated association whose purpose is to promote the Yokosuka Research Park Project and to plan and promote research and development projects in the Yokosuka Research Park, with the aim of contributing to the development of information and communication technology. It also promotes Open RAN through the activities of Japan OTIC.
- * 2 **CPQD(Centro de Pesquisa e Desenvolvimento em Telecomunicações):** Founded in 1976 as a research and development center of the Brazilian telecommunications operator Telebrás and it was privatized and became a foundation in 1998. Its mission is to contribute to the sustainable development of society by developing and providing innovations and solutions in information and communication technologies.
- *3 **OTIC(Open Testing and Integration Centre) :** An organization established based on the specifications (O-RAN specifications) set by the O-RAN ALLIANCE (*5) with the approval of the ALLIANCE. OTIC is responsible for testing the conformity of base station radio equipment and its interfaces with the O-RAN specifications and issuing certification (certification or badge) when the conformity is confirmed. It also acts as a base for the promotion of Open RAN, including activities to disseminate O-RAN specifications. 19(*) OTICs have been established around the world.
- *4 **Japan OTIC:** The only OTIC in Japan established in December 2022 in Yokosuka Research Park in Yokosuka city which is jointly operated by five parties: YRP R&D Promotion Committee, NTT DOCOMO, KDDI, SoftBank, and Rakuten Mobile.
- 5 **O-RAN ALLIANCE:** An organization established by mobile network operators in 2018 to achieve a mobile communications network that is more intelligent, open, virtualized, and fully interoperable Radio Access Network (RAN), even when devices from different vendors are connected. It

currently consists of a total of 288 companies (*), including 32 mobile network operators (*) and related vendors (*) from around the world. It is responsible for defining the specifications (O-RAN specifications) of the equipment that constitutes the base station radio equipment for mobile network operators and its interfaces.

*: O-RAN ALLIANCE website <https://www.o-ran.org/> as of March 17, 2025

■ **Inquiries about this material** ■

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