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2024

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Magenta Business APIs

CPaaS and network APIs to
enhance business applications



Communication as a Platform (CPaaS) APIs and network APIs from Deutsche Telekom can enable new business cases and improve existing ones. One example is Sony: the company has tested the Quality-on-demand API from Deutsche Telekom to improve the connectivity of their dynamic live video production solution. At the Deutsche Telekom booth, you can view this solution and experience more APIs, the Deutsche Telekom customer API portal, and a lot more customer cases that have been performed in the live network or are part of the 5G early access programs in Berlin, Kraków, and Seattle.

Key facts

- CPaaS and network APIs can enable new business cases and/or improve existing ones
- Deutsche Telekom drives CAMARA and Open Gateway together with others to standardize and productize APIs
- Deutsche Telekom has implemented a customer API portal hosted on the Vonage platform
- Deutsche Telekom has launched its first commercial 5G products for video production used by RTL and SportTotal
- SONY has tested the Quality-on-demand API developed by Deutsche Telekom to improve dynamic live video production
- Deutsche Telekom performs 5G early access programs to provide early tests for customers



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At the Deutsche Telekom booth, you can experience which CPaaS and network APIs are available and how these can be used to enable new, or improve existing, business use cases. Examples include the capability to verify the location of a device, which can be used for fraud prevention or logistics use cases, or the capability to obtain information about a device such as its roaming status or connectivity status. Further capabilities can be used to configure the behavior of the network to enable enhanced connectivity with Quality on Demand. CPaaS APIs can be used to automate voice, SMS, and messaging use cases. Deutsche Telekom exposes the APIs for customer usage on a customer API portal hosted on the Vonage platform.

The CAMARA alliance was initiated by Deutsche Telekom and other operators to “de facto standardize” these APIs to address enterprise customer demand for a seamless experience across telco networks and countries. Launched at the MWC 2022, CAMARA has grown in the meantime to more than 85 companies with over 900 experts and developers working on more than 20 API families. Deutsche Telekom is also part of Open Gateway to standardize the integration of marketplaces, aggregators, and other operators.

Deutsche Telekom has launched the first commercial 5G products for video production use cases and won RTL and SportTotal as its first customers. SONY has tested the Quality on Demand API from Deutsche Telekom to enhance connectivity with the aim of improving dynamic live video production. The Quality on Demand API prioritizes the data traffic of the live camera in the mobile network and reduces latency and jitter to a minimum. TV audiences can now see the video with a minimum of delay in outstanding quality.

Together with TEF (O2) and VOD, Deutsche Telekom is launching its first aggregated network APIs, Sim Swap, and Number Verify on the German market and is working with first customers. At the booth you can see lots more customer showcases that have already been tested in the live network and in the 5G early access programs that Deutsche Telekom and T-Mobile US are performing in their Berlin, Kraków, and Seattle labs. Customers can use these programs to test the latest network APIs in dedicated network environments.



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