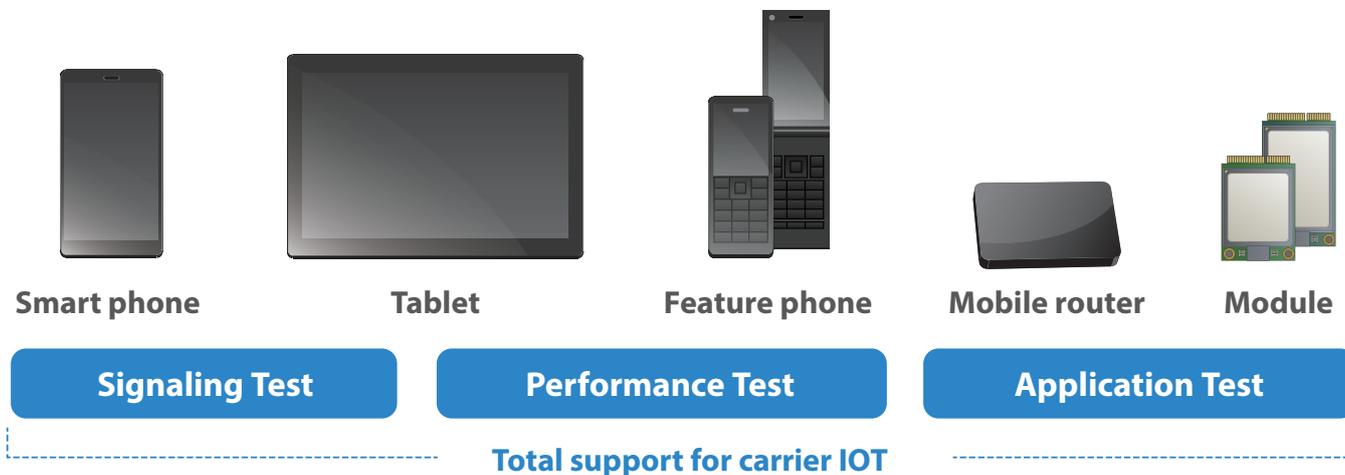


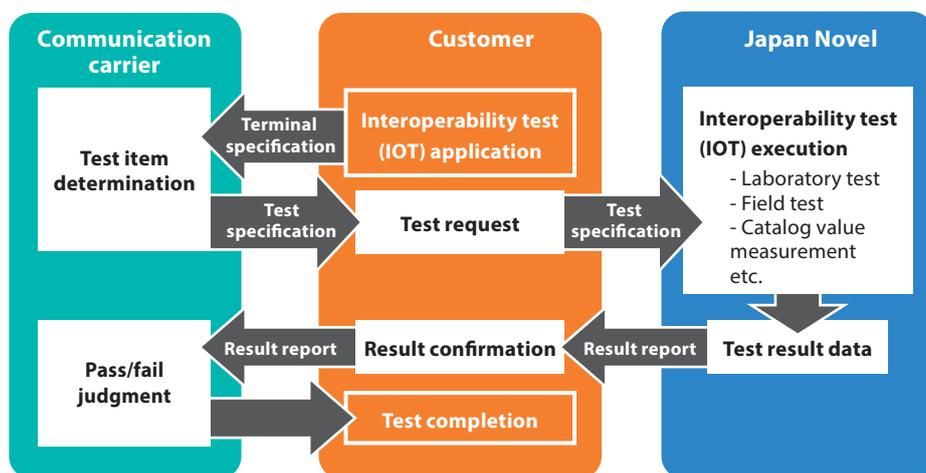
Mobile Terminal Evaluation and Verification Service

Total support for verification work centering on carrier IOT



Targeted service	Wireless communication standard	FDD-LTE, TDD-LTE, UMTS, C2K, EVDO, WiMAX
	Test contents	Voice call, Data call, SMS, GPS, IMS, OTASP/OTAPA, International roaming, etc.
	Terminal type	Android Smartphone, Android Tablet, Module (No voice), WiFi Router (No voice), etc.

Positioning of carrier IOT service



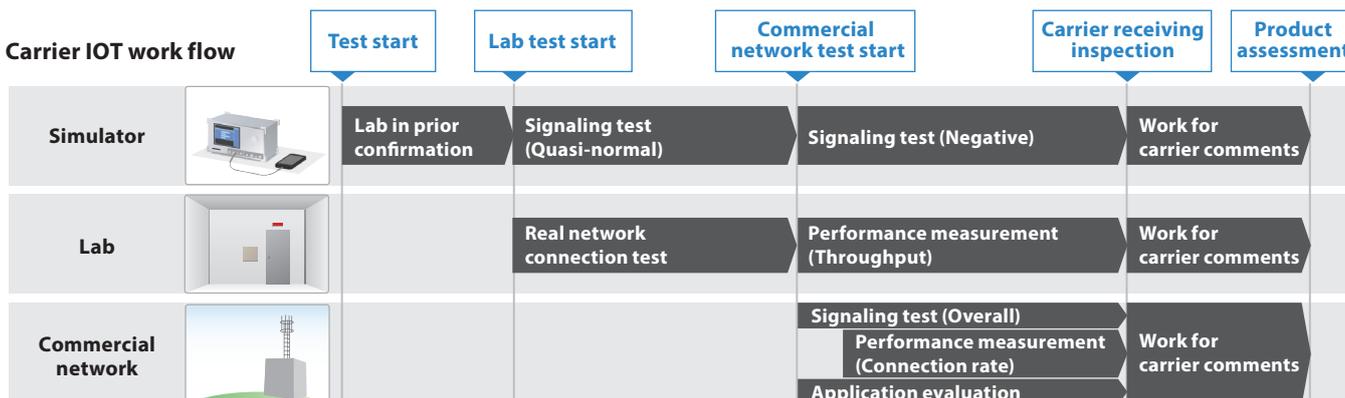
Japanese Domestic Regulations Certification

We will offer you a one stop service including the testing for Technical Standards Conformity Certification which is established in Radio Act and Telecommunications Business Act of Japan. Acquisition of the certification will be carried out at our partner laboratory.

SIM free terminal test

In the case of MVNO, we are able to offer consulting service such as scrutiny of test items and preparation of necessary documents.

Carrier IOT work flow



SIM free terminal test - Test for MVNO operator (Original test)



Wi-Fi access point (AP) connectivity verification

Verification of connectivity to major Wi-Fi access points (AP) released in Japan



Wording verification

Verification of the words used in menus and dialog boxes



Terminal heat measurement (Application in use + Shelf test)

While using the application, measure the temperature and the hottest portion of the terminal along with elapsed time.



Usability monitoring test

Operate the terminal in a situation close to the real user such as age, men and women, frequency of use, etc. and make up the comments about the usability.

Defect example of SIM free terminal



Cannot make an emergency call



Data communication cannot be performed after returning from in-flight mode



Cannot return into service area after repeating in/out operation to the service area



Strange Japanese notation for error message



Functional error occurred on Yamanote line, subway or capital highway



Longer time to return from out of service area

Test for corporate functions

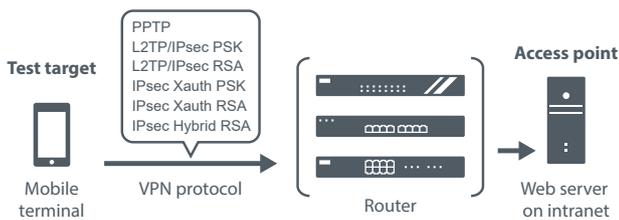
We will test the VPN connection and the Exchange ActiveSync function required for a mobile terminal for corporate users.

We can undertake total testing from designing the test environment to actual testing.

VPN connection test

By combining various protocols and routers, the test is performed whether it can connect to the web server on the intranet from the mobile terminal.

(Please contact us for the manufacturer's name and model name of the router that can be prepared as a test environment.)

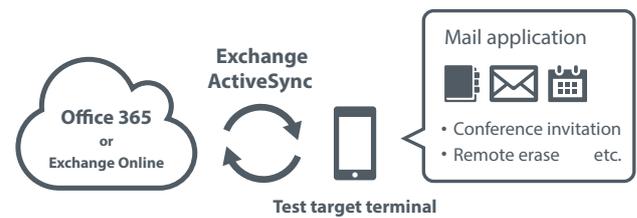


Combination of VPN connection test



Exchange ActiveSync functional test

The Exchange ActiveSync function is tested if it works properly with the mail application (manufacturer's proprietary mail application, Gmail, etc.) on the mobile terminal by accessing Office 365R on the cloud or Exchange Online from the mobile terminal under test through Exchange ActiveSync.



Combination of Exchange ActiveSync functional test



Japan Novel Corporation

TEL 03-3927-8801 FAX 03-3927-8802
2-30-2, Oji, Kita-ku, Tokyo, 114-0002
sales@jnovel.co.jp

Homepage

<https://www.jnovel.co.jp/service/mobile-device-testing/>

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