5G Robot

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- Humanoid remote assistant -

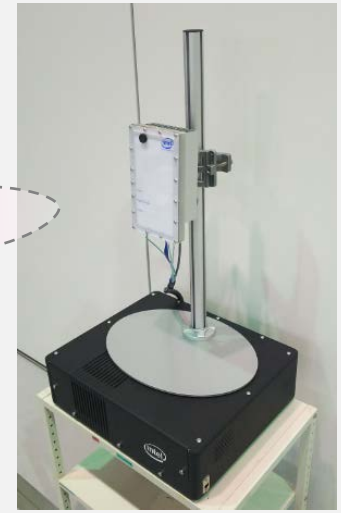
The 5G robot is a humanoid operated by the natural motions of a remote operator.

- Thanks to 5G's low latency and ultra-reliable network, the robot will be able to perform a wide range of services as a remote proxy for a real person.
- It will mimic its human operator equipped with motion sensors.
- Dual cameras on the robot's head will provide 3D vision.
- Haptic sensors on the robot's fingers will provide tactile feedback.

Basic System

Operator

5G base station
(Ericsson)



5G UE
(Intel)

5G robot

Applications

Factory operations

Logistics operations

HERE COMES
»5G
JAPAN 2020

Remote operator

Heavy machinery operation

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5G Factories

5G robots will enable safe real-time operations in dangerous places, such as legacy factories designed for human operation.

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