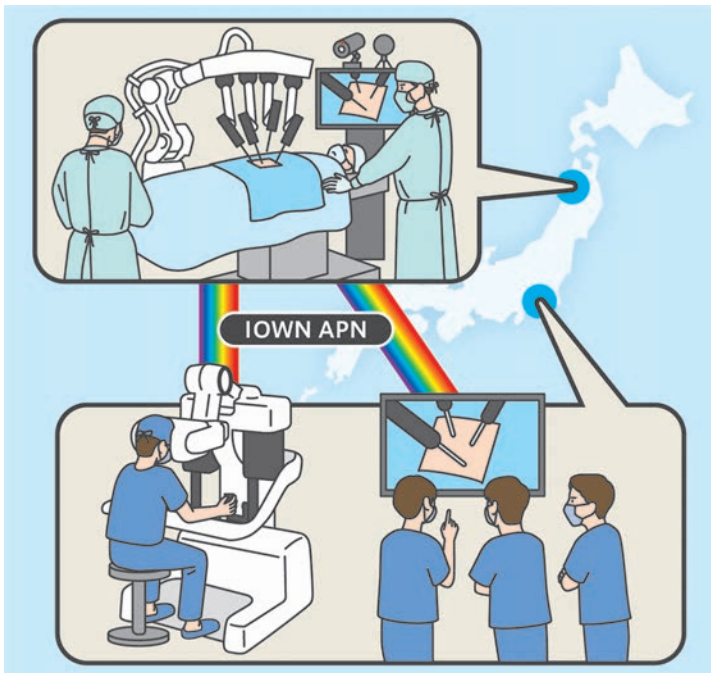




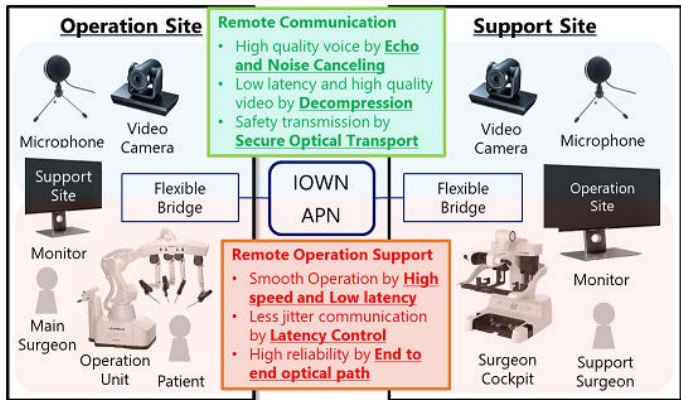
# Solve the problem of surgeon decreasing by surgical robot and APN



## Remote Surgery×IOWN APN

Surgical operation support from remote place using IOWN APN

Surgical operational robot using IOWN APN make "Remote surgical operation support" and "Remote Communication" high speed, low latency, and high quality and even though make feel as if even on real site.



### Background

By using surgical robot from remote place, expert surgeon can support and advice from remote place, it also increase the number of surgical operation and surgical operator in the rural area.

### Summary

The combination between surgical robot which is already used for surgical operation and IOWN APN which will deploy in this fiscal year make remote operation high quality.

### Feature 1

High band width and low latency optical network by using IOWN APN technology and equipment

### Feature 2

High quality visual communication by using non-compression video transport and high quality voice communication technology

### Feature 3

High availability and high security end-to-end optical path network with secure transport security technology

### Future benefits

This technology solves not only the issue of surgeon shortage in rural place, but also less learning opportunity about that.

### Collaboration partners

SYSMEX CORPORATION, NEC Corporation

### Related Exhibits

N-N03, N-N04, S-N03, N-E12

### Exhibiting Company

NIPPON TELEGRAPH AND TELEPHONE CORPORATION, NTT Electronics Corporation, NTT TechnoCross Corporation

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