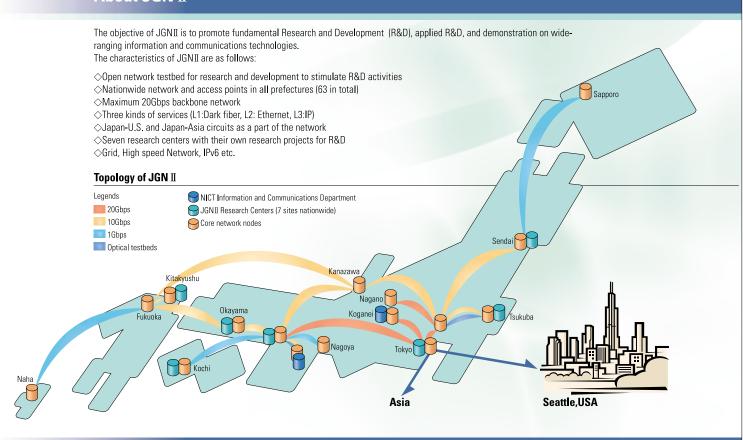
# JGN II Advanced Network Testbed for R&D



## **About JGN II**



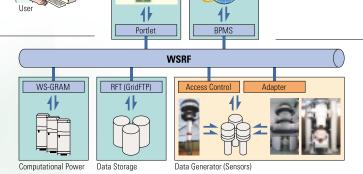
## JGN II and Super Computing

Osaka JGNII Research Center focuses on the resource management technology of Grid computing using:

- Security technology to support dynamic VO (Virtual Organization) construction
- ◇Network QoS technology to improve the efficiency of computing resources

### **Dynamic Control of VO Security**

WSRF-based Interface and access controlling functionality to integrate sensors flexibly into the Grid flexibly



Grid Portal

Workflow Engine

#### **QoS Method for Data Transfer in Grid Applications**

Dynamic controlling reservation for bandwidth to minimize failure of bandwidth reservation

