

NEC's vision for Future Network

Unified platform for data center, transport and mobile networks.

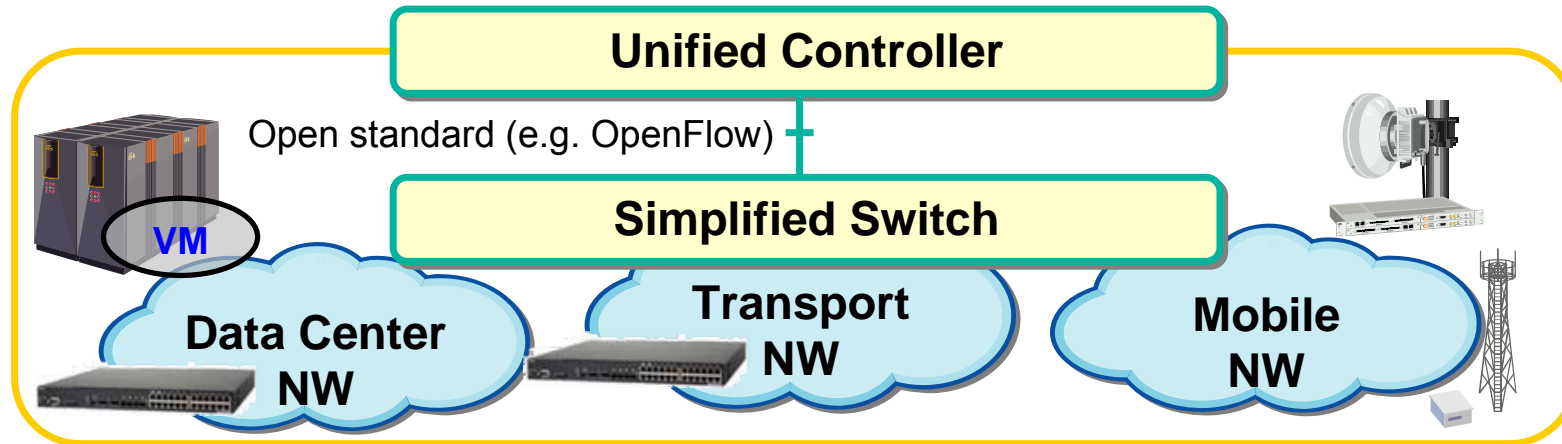
- Integrated controller for infrastructure virtualization/customization

Real integration of IT and NW.

- Optimized information flow through IT and NW

OpenFlow is a key technology.

- Open interface for future network control standard

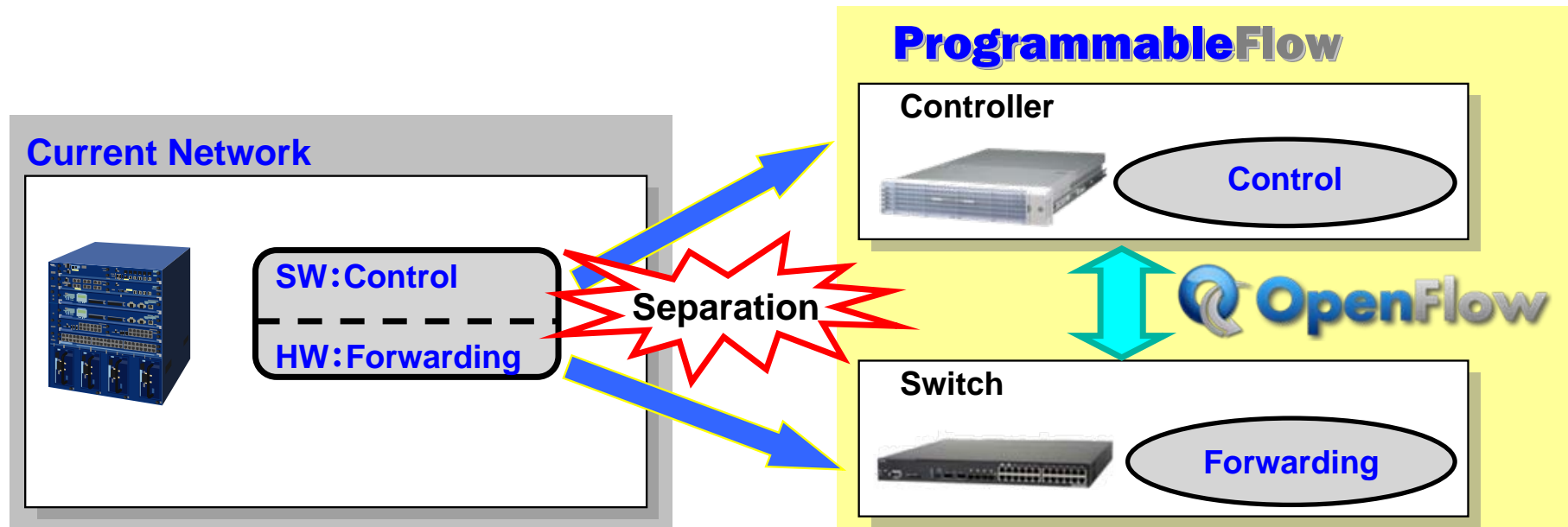


Acknowledgment
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ProgrammableFlow

OpenFlow based future networking solution

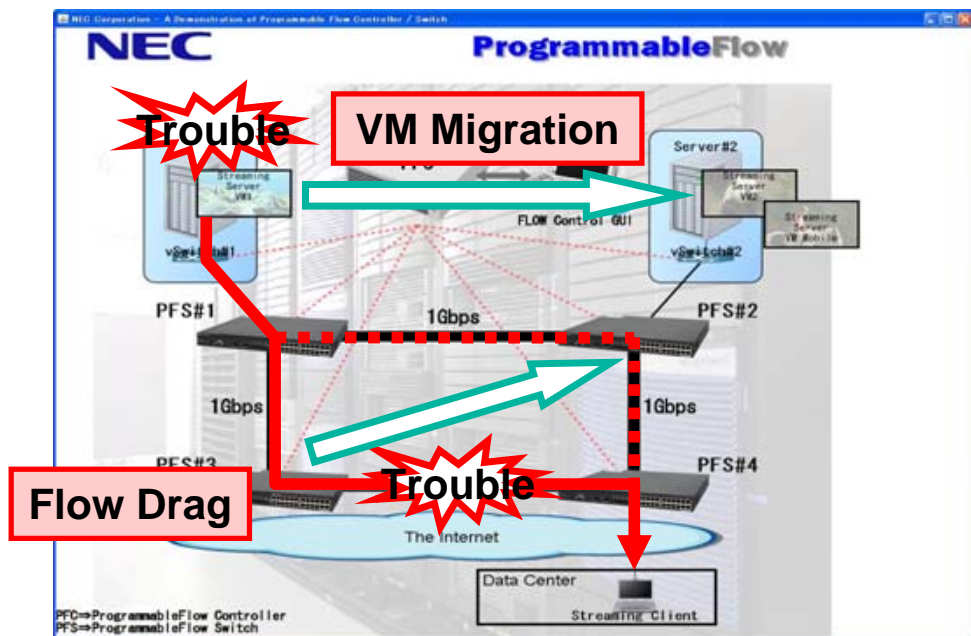
- Flexible data path control makes easy optimization
- Network virtualization, visualization, NW device consolidation



ProgrammableFlow solution examples

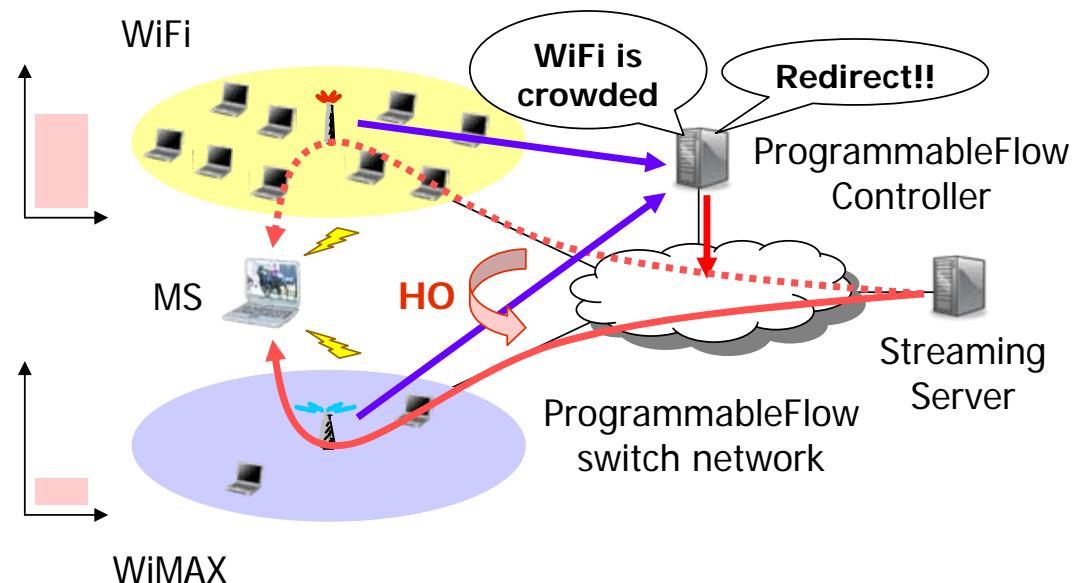
IT and NW Integration in DC

- On-demand IT/NW configuration by using Flow dragging and VM migration



Mobile network integration

- Unified mobile backhaul for different wireless technologies
- Seamless WiFi – WiMAX handover for mobile streaming



Unified control of IT and NW provides:

Service oriented information flow optimization

- Customized for DC and fixed/mobile services
- Flexible and agile adaptation for emerging services

CAPEX/OPEX reduction

- Unified equipment and management for IT and NW
- Power saving through IT/NW integrated resource management