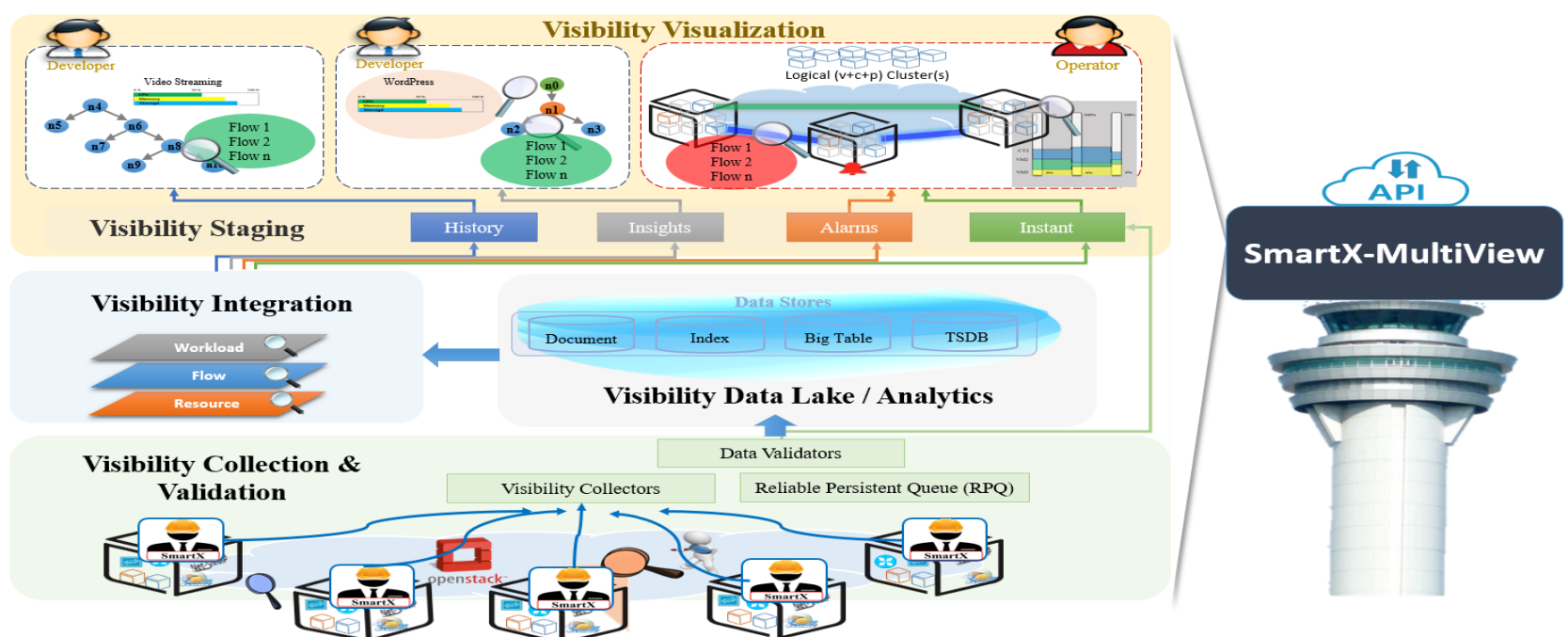


# Open Networking Korea 2016 Fall

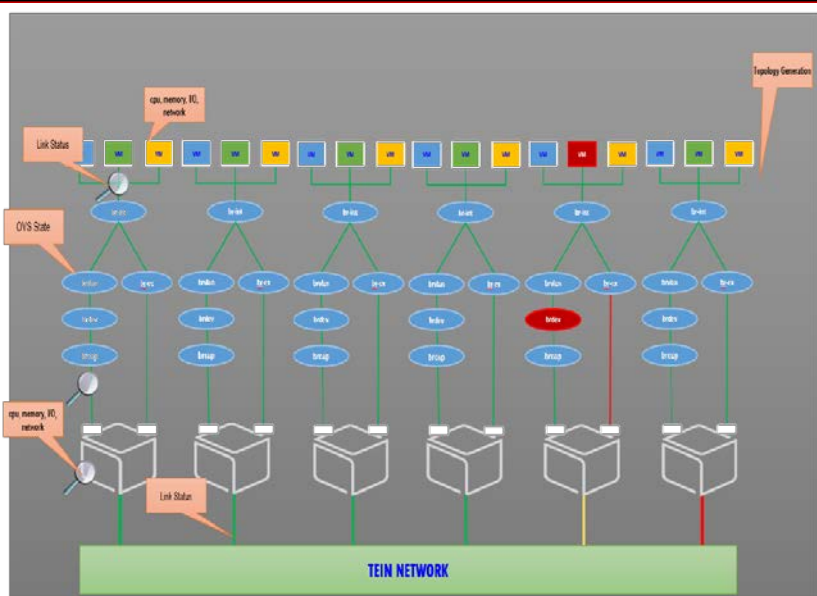
K-ONE GIST 김종원 교수팀

# OpenStack-MultiView: SmartX Visibility Software for OpenStack-based IoT-Cloud

# OpenStack MultiView Concept



# Physical-Virtual Topological Visualization Design



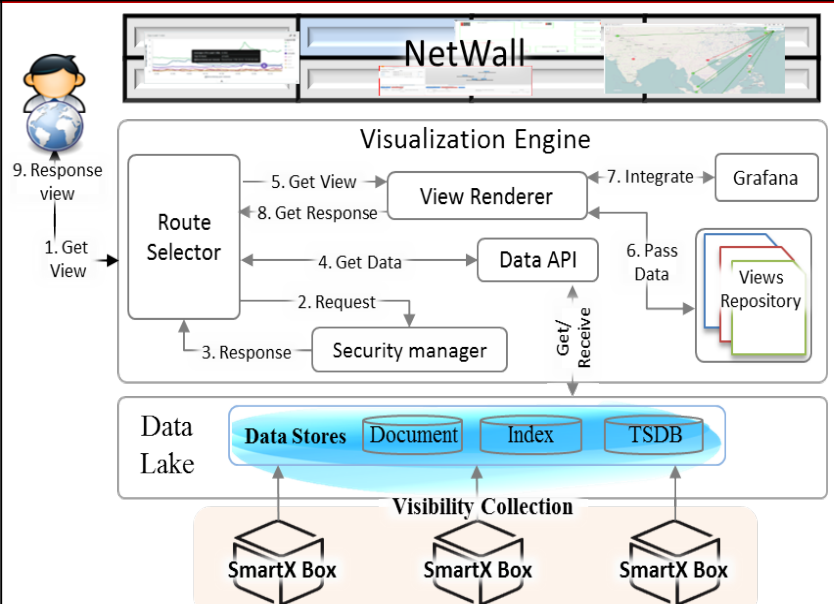
## Targeting:

- Physical Resources
- Virtual Resources
- Multi Sites

### Visualization Approach:

- Graph-based Topological Visualization
- Multiple Status Messages for Quick Troubleshooting

## Physical-Virtual Topological Visualization Workflow



### Key Components Are:

- Visibility Collectors
- Route Selector
- Data API
- Security Manager
- View Renderer
- SAGE-enabled NetWall