

# Topics in the field of secure service infrastructure

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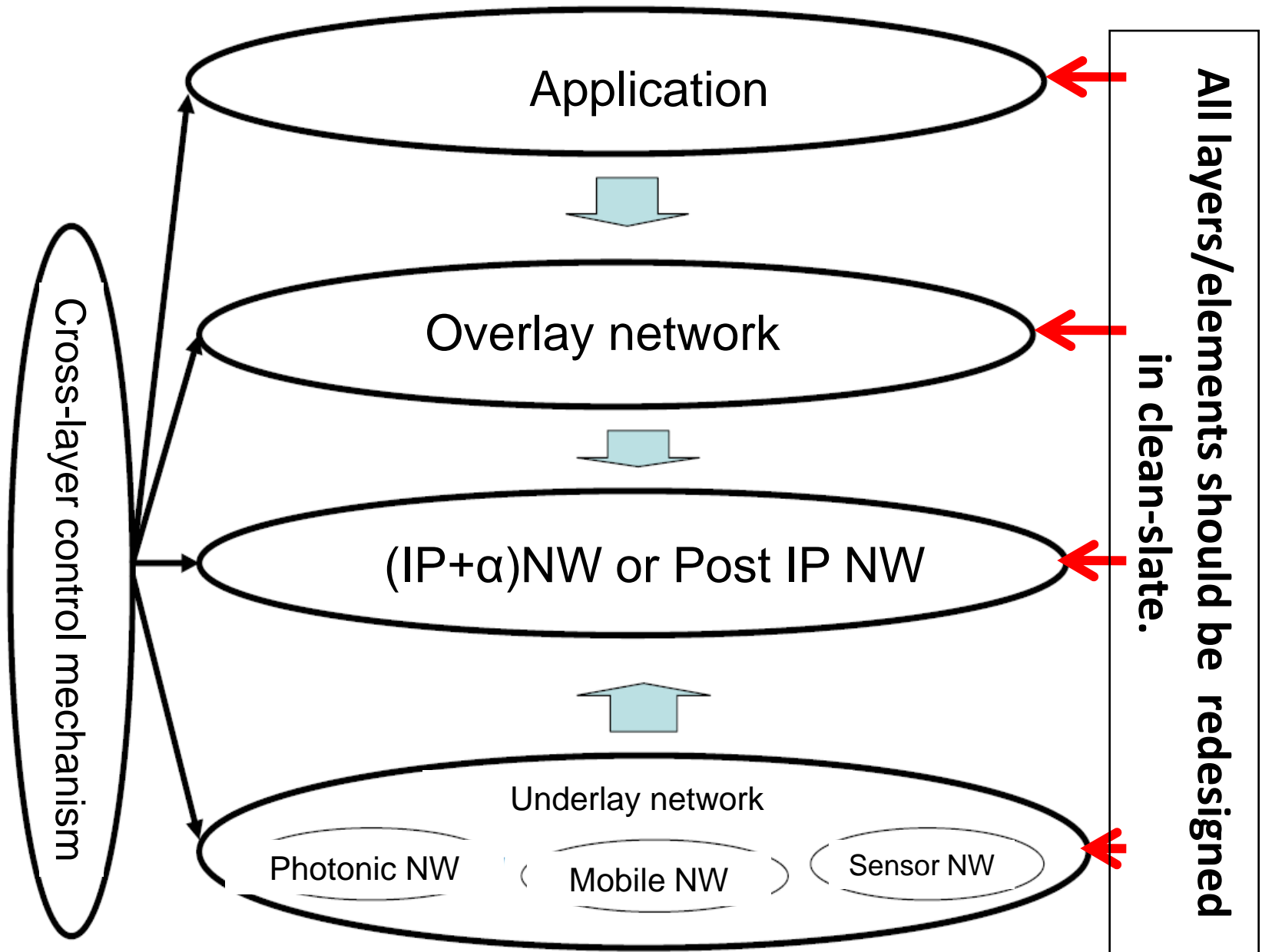
1. To respond to society demands and current trends
2. To be designed in service-oriented (application-oriented) style  
( To slough off such way of thinking like 'how to use existing network infrastructure' )
3. To create novel services and businesses

# 1. Social Demands for NGNW

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- To support safe and secure society
- To comprehend a diverse range of life styles and cultures
- To be a reliable backbone for knowledge based information society in the future
- To have a practical power to solve the digital divide issues in reality
- To facilitate a society in harmony with natural environmental cycles
- To be dependable infrastructure even in disasters and emergencies

## 2. Application-Oriented



### 3. creating new services and businesses

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- Users does not have to be aware of network-dependent constraints and requirements.  
( protocol free, network capacity free, service-site location free, network structure free, ..... )
- Services are able to be built rapidly and easily.
- Services like fare collection and customer management are able to be easily acted for.
- Secure transaction is ensured for each service.  
( QoS network, secure network )

- Service Platform
  - Optimal distribution of servers' location for each service
  - Customer management, fare management
  - Secure Network construction and evaluation
  - Security control
    - (management of personal information and ID)
  - SaaS
  
- Data management
  - **Personal data protection**
  - Data trace management
  
- **Illegal access logging protection and trace**
  
- Test-bed (JGN2 Plus)