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# The Network & Deployment



# Three Point Agenda

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- Network
  - design
  - deployment

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- Network
  - design
  - deployment
- Management, Deployment & Operations
  - Issue
  - Tracking
  - Control
  - NoC

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  - NoC
- Global MIS system
  - Factory to child

# Network Design

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  - Topography
  - Security
  - Power



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- BackHaul
  - Transport mechanism
    - Sat
    - Point2Point Microwave
    - WiMax
    - GPRS / UMTS / HSDPA
  - Transit supply
    - Local Telco
    - Education Networks
    - Non Local (Sat)

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    - Education Networks
    - Non Local (Sat)
- Management Applications
  - Content Delivery
  - BackUp (what is this - tape, NaS ) (policy & security)
  - Federation

# Network Deployment

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- Physical
  - Local (School)
    - Scale
    - Equipment used / needed
    - Server security -hands & theft & data protection
    - People on the Ground
    - Mechanical Engineering
  - National
    - Use of existing Towers
    - Use of Geography
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- Logical
  - Infrastructure
  - Testing / Fault Finding
  - Network management backup

# Management, Deployment & Operations

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# Management, Deployment & Operations

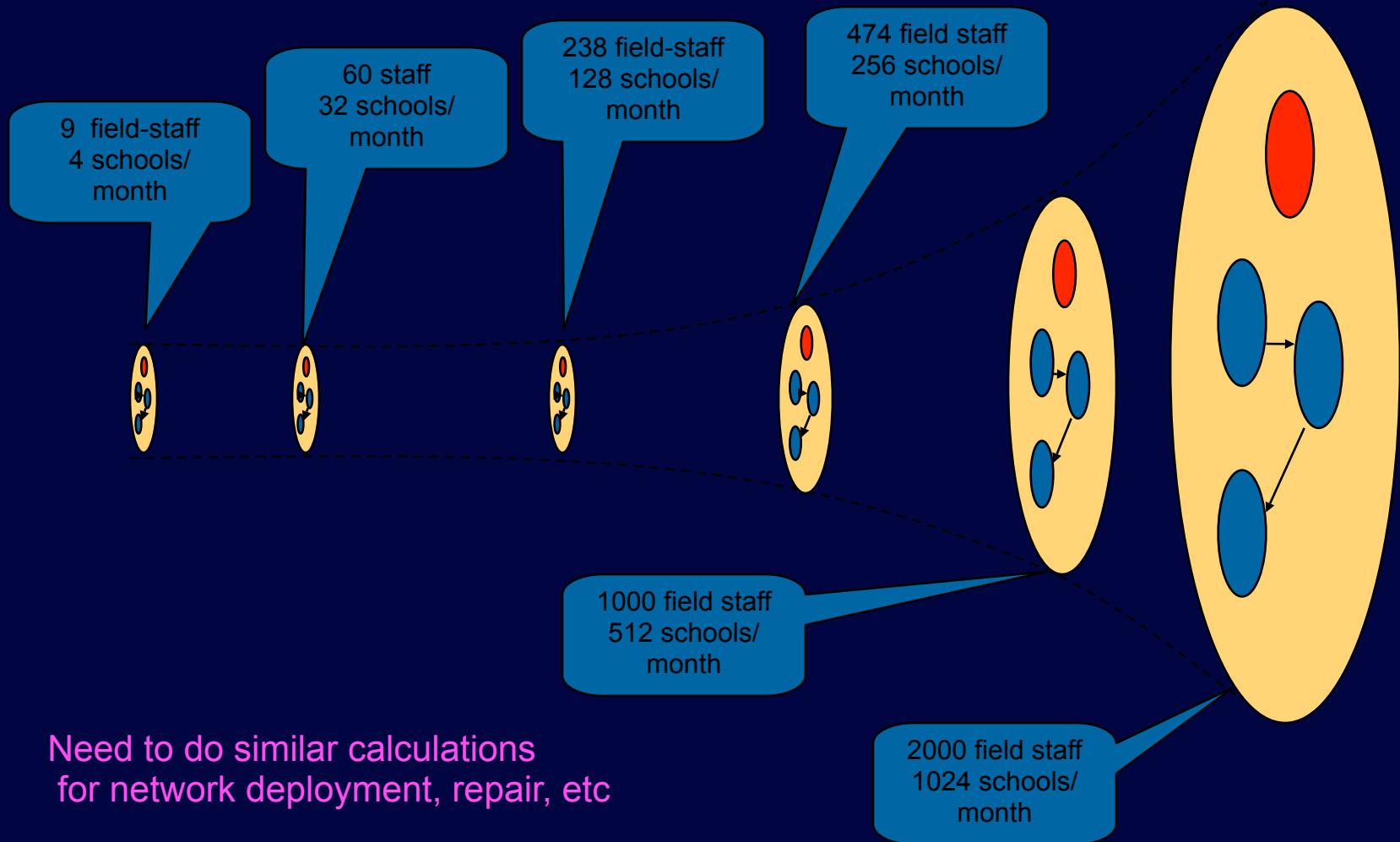
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# Best practice in deployments

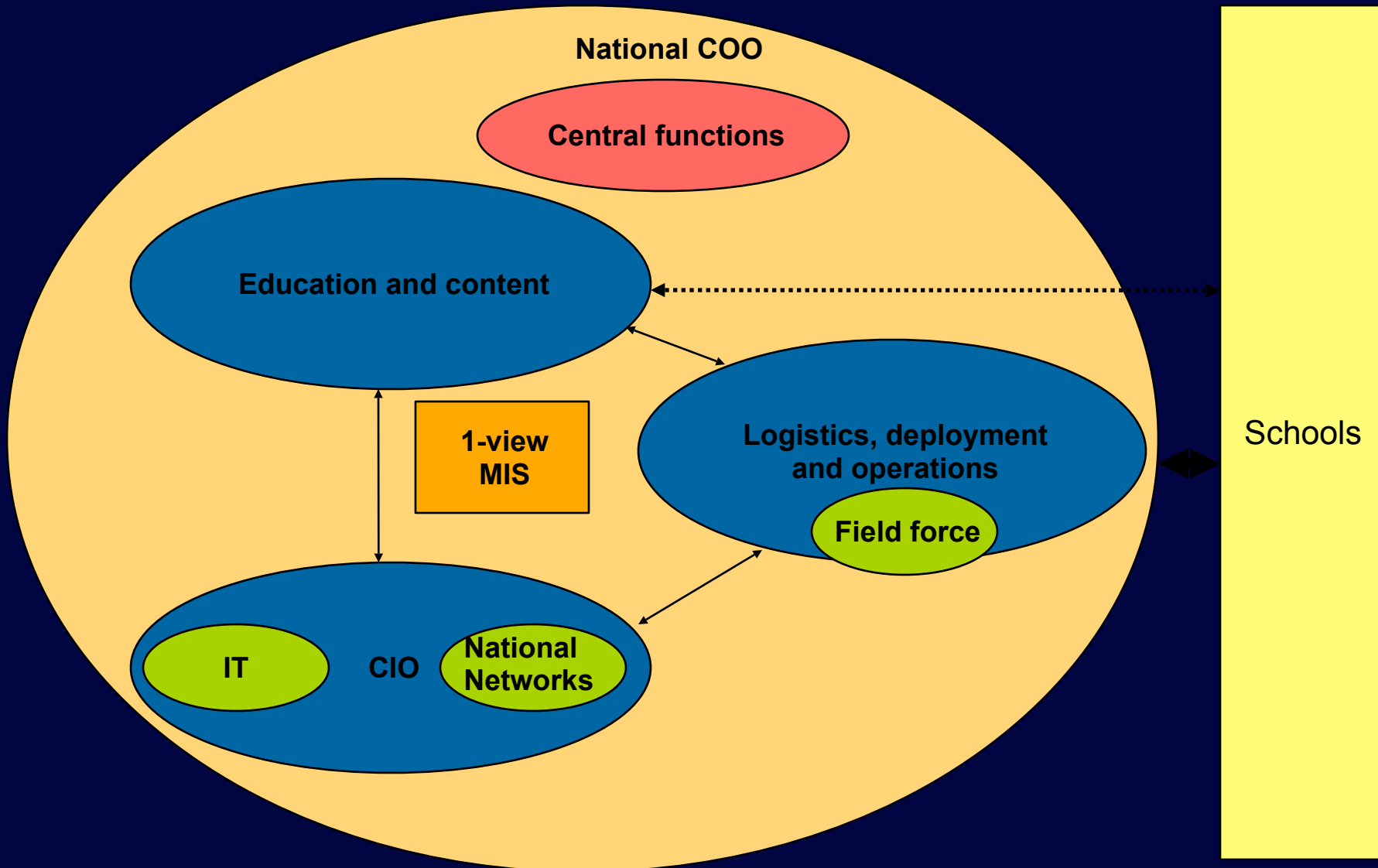
# Best practice in deployments

- Capture best practices and develop template processes
- Use SWATT (Special Weapons & Technology) Team as first use cases
- Project “Quick-start” in welcoming countries
- Work closely with other deployment nations

# e.g. Scaling trained field capacity



# Proposed national deployment management structure



# Global MIS

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- Secure factory to child logistics
- Major repair tracking
- Fault / Bug tracking
- Asset Management
- Trouble Ticket management

