



**Office of Information  
Technology Services**

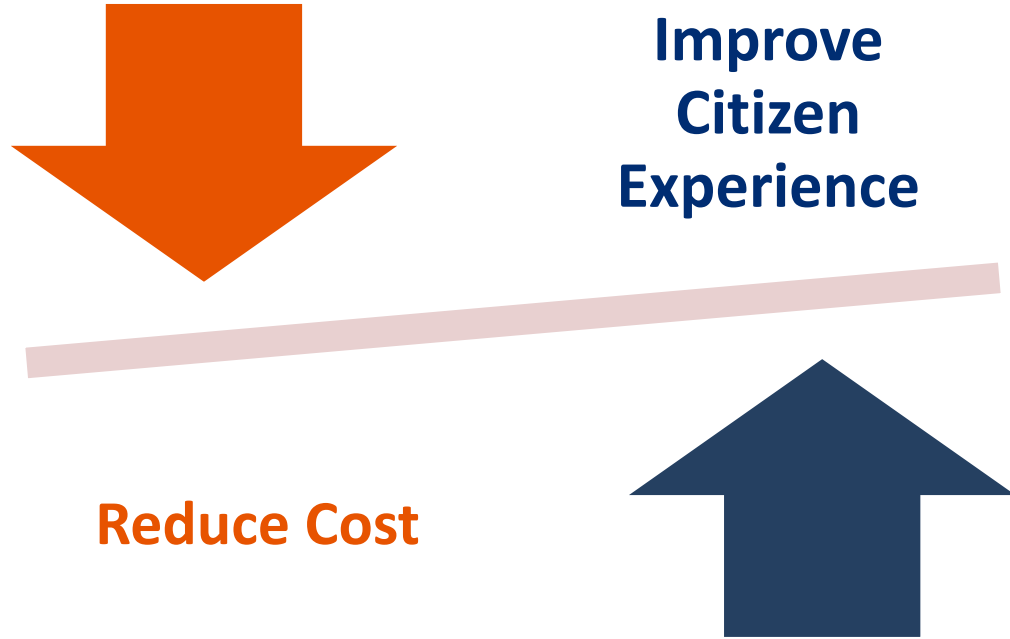
# **Legacy Modernization**

**Mahesh Nattanmai**

**Executive Deputy CIO, State of New York**

**October 10, 2016**

# Governor Cuomo's Technology Direction



# State of New York – Large and Complex Technology Landscape

- 52 Agencies
- 5000+ Applications
- ~4500 IT Staff
- 50+ Data Centers (down from 50+)
- 10,000+ Servers
- 1600+ Miles of Fiber
- ~8500 Locations
- ~600 active projects / year

## The Impact

“Keeping the lights on”  
becomes very  
resource-intensive





Source: <http://www.gobnoble.com>

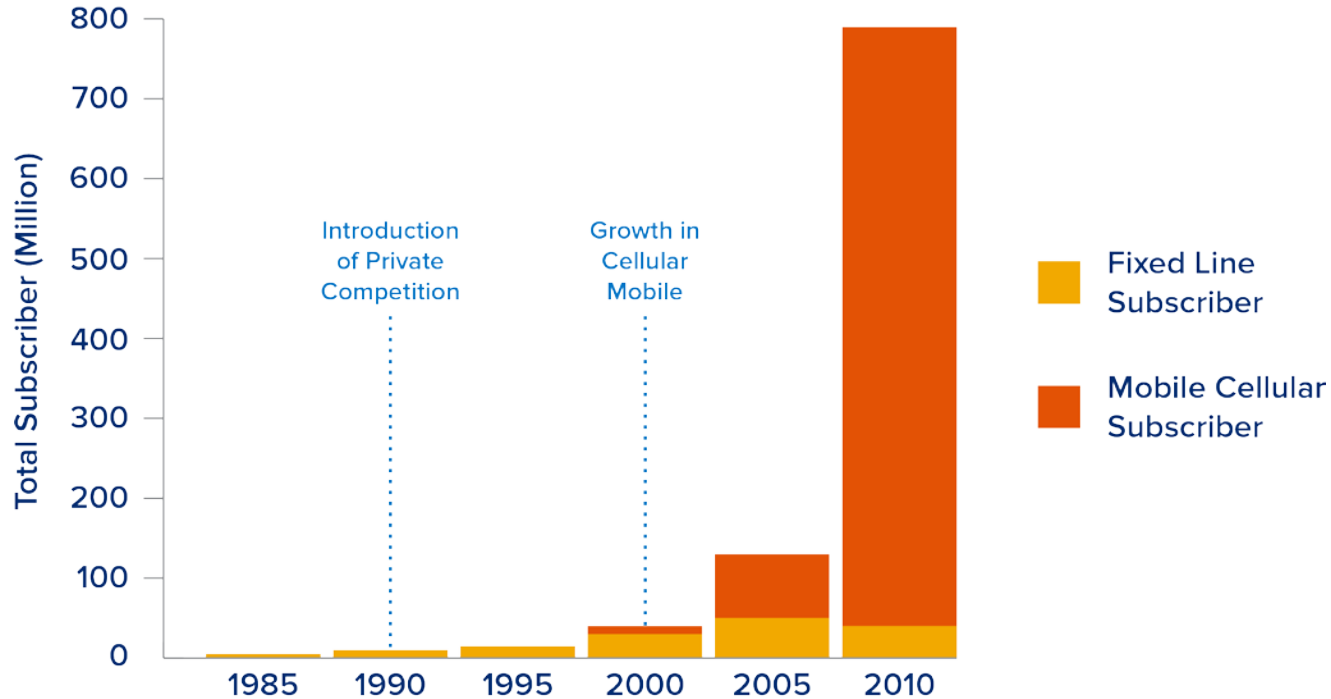


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Program runs beyond  
Government cycles and  
leadership



# Skip a Generation

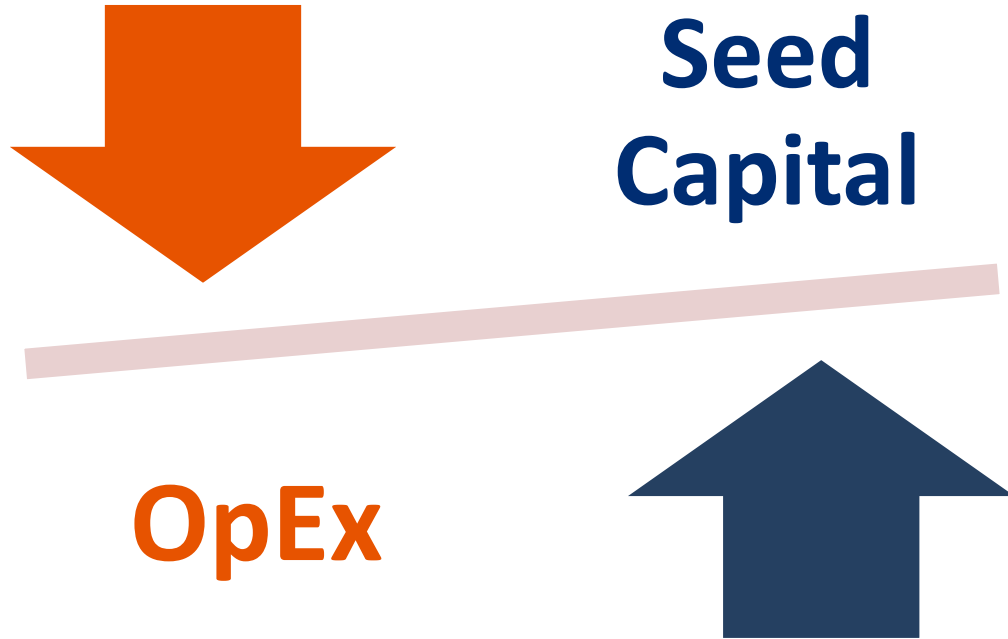


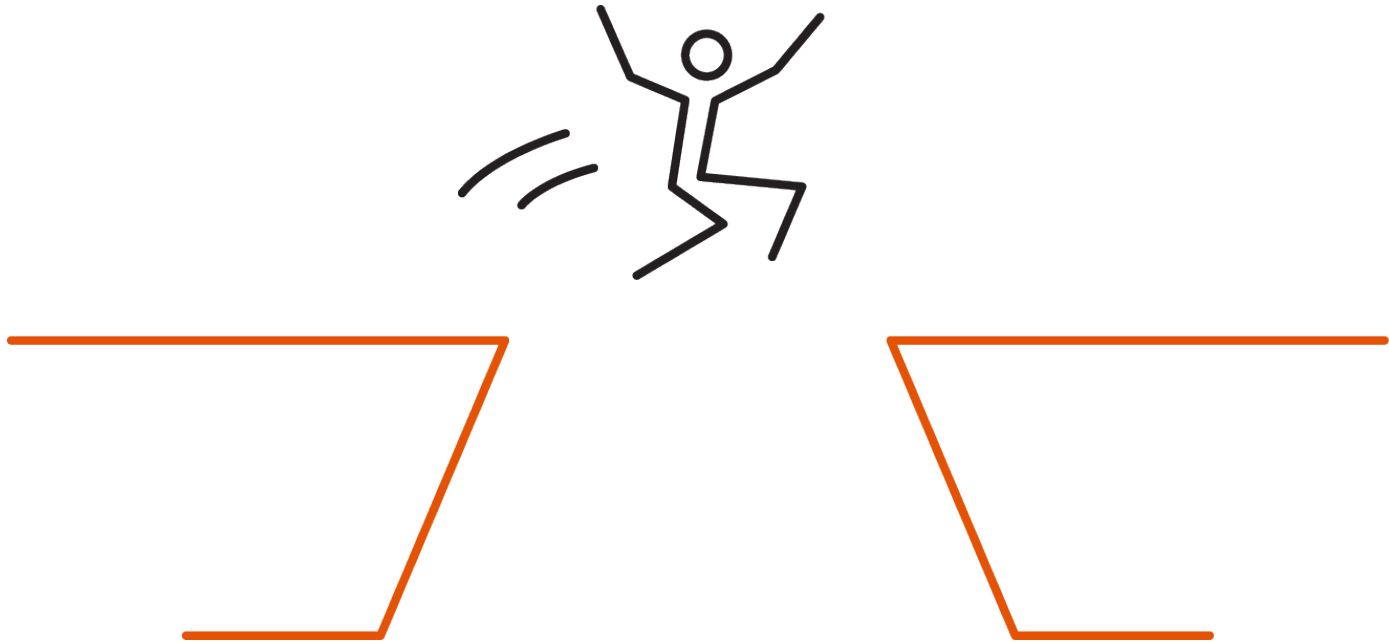
Sources: World Development Indicators. Available online at [www.worldbank.org](http://www.worldbank.org)  
Telecom Regulatory Authority of India.

Note: These are subscriptions at the end of each calendar year.



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# New York State Transformation

**NYS CIO**  
**NYS Exec Deputy CIO**

## Enterprise Functions

Chief Technology, Data & Portfolio  
Enterprise Information Security

Infrastructure Operations (Private Cloud)

Enterprise Platform Services  
Enterprise Business Services

## Agency Functions

Administrative Services  
Citizen Services  
Health

Human Services  
Public Safety  
Revenue & Transportation  
Disabilities & Aging



