

Roles (Years)

**FOUNDER/TECHNICAL
PROGRAM MANAGER**

ASSOCIATE DIRECTOR
Software Engineering

MANAGER
Software Engineering

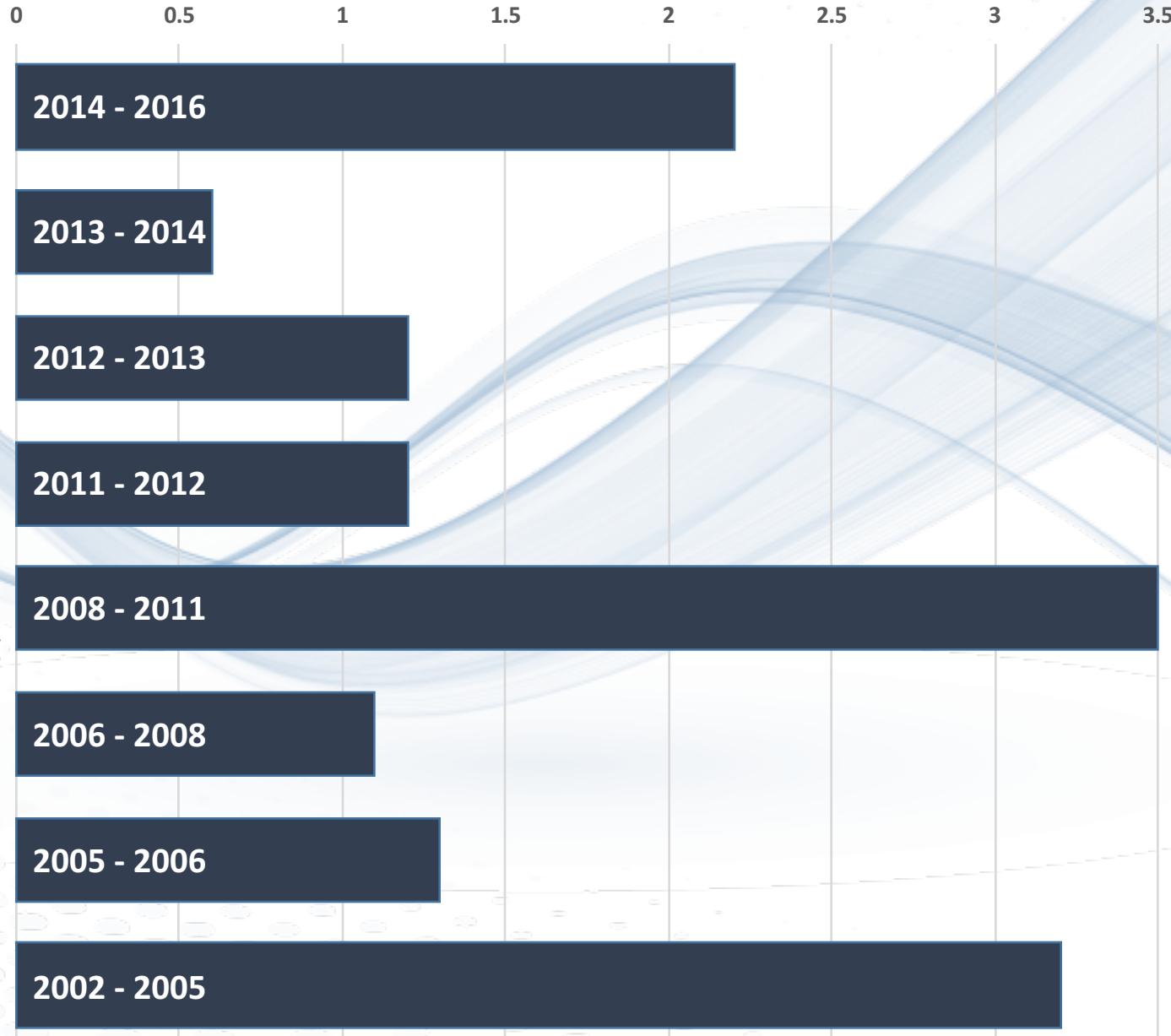
MANAGER
Corporate Technology

SR NETWORK PLANNER
Video Network Planning

PROJECT MANAGER
Video Network Services

PROGRAM MANAGER
Network Engineering

NETWORK ENGINEER
Transport Networks



**Ola
Adedoyin**

**Work
Samples**

Currently: Founder & Technical Program Manager

Altamium Consulting

Sample client solution: web application for network management



[More on Noovis' industry-leading custom SAAS solution developed with Altamium \(<http://bit.ly/2bhaBVh>\)](http://bit.ly/2bhaBVh)

Client Testimonial

“Altamium complements our entrepreneurial spirit and has proven to be a great partner.”

**Eric Welty, President
Noovis**

Project management setup by Ola

Eliminate toil by integrating automated testing, code commits, tasks and milestones to achieve automated real-time tracking

High Level Milestones

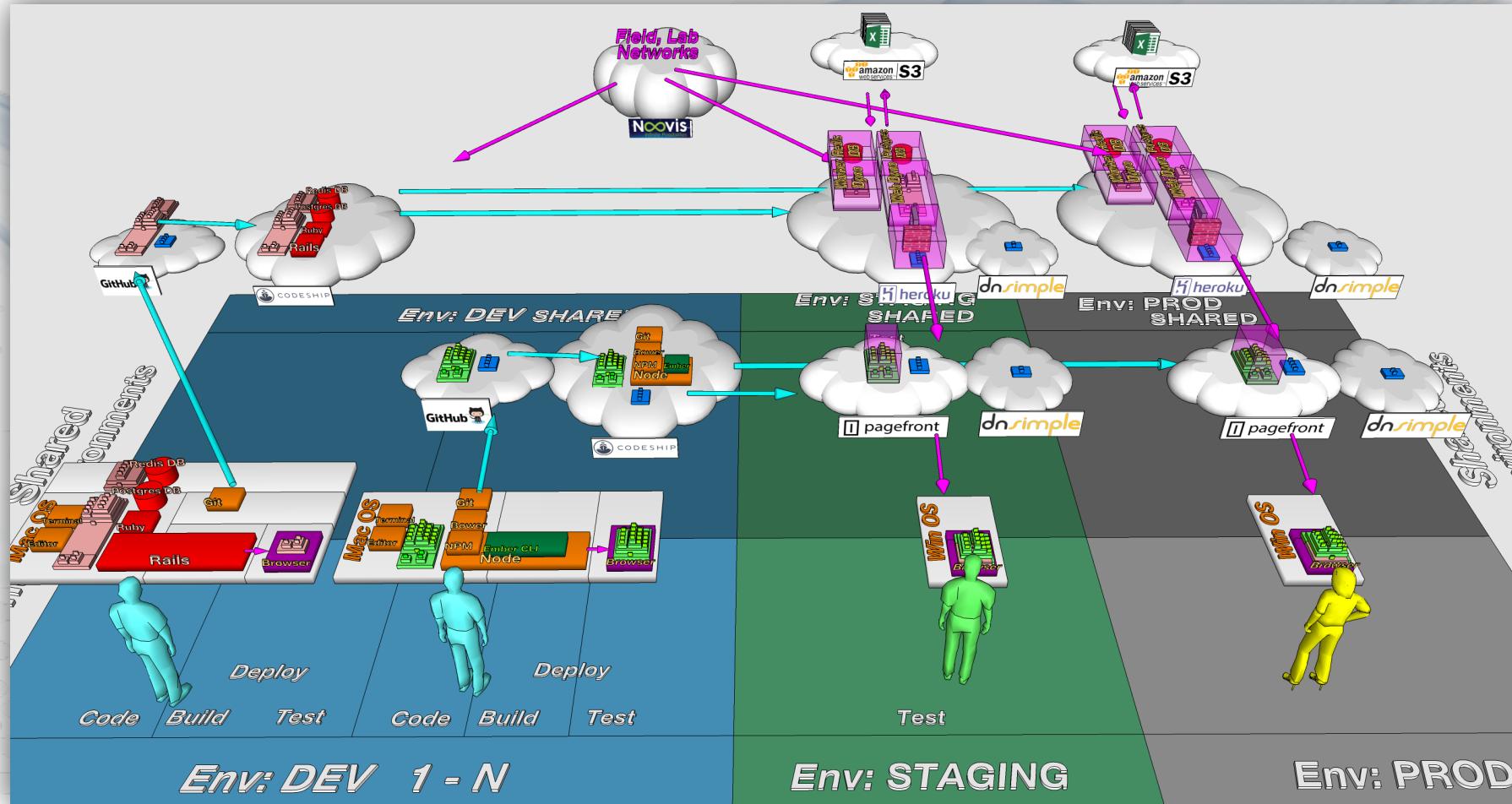
The screenshot shows the Noovis Project Overview dashboard. At the top, there's a banner with the Noovis logo and the tagline "Infinite Possibilities". Below it, the "Project Overview" section includes a "WARNING" box (As of Jun 24, 2016) and a progress bar showing 75% complete. The "Status Update" section displays a flag icon, 2 of 8 milestones completed, and 1 discussion item. The "Roadmap (N2OA V2)" section shows a timeline from January 2016 to June 2016 with various milestones listed, each with a progress bar at 100%. The "Milestones" section lists specific items like "Blueprints (Rewrite) Feature Group" and "Alpha Release (Rewrite) Feature Group".

Weekly Tasks

The screenshot shows the Ola client punchlist interface. It features two main sections: "Client Punchlist:" and "Client Punchlist from Monday 7/25 Review:". Both sections list tasks with checkboxes, descriptions, and small profile icons next to them. The tasks include items like "Add wow-factor to overall UX", "#11 PERF - Improve user clicks building network tab - Nework data loading", and "#19 Decrease PON port icon size". The "Client Punchlist from Monday 7/25 Review:" section also includes a "St" button.

Cloud infrastructure and delivery workflow setup by Ola

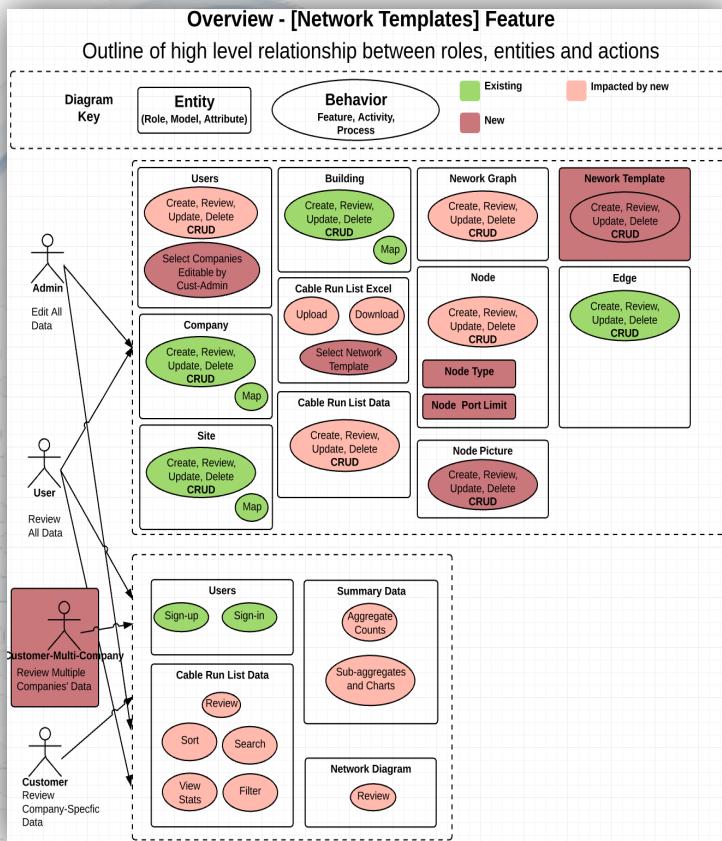
Emphasize continuous integration, agile and test driven development for successful delivery.
3D Visualization of environments, cloud services, delivery processes enhances productivity of developers and business teams



Business requirements documentation by Ola

Use different formats to capture different facets of requirements. Prioritize flexible, quick and concise over inflexible and lengthy requirements documentation

Use Cases



Wire Frames

Create/Edit Network Template

Available Node Types

Network Templates:

- Only (Noovis) Admins can do this
- Network Templates that are currently in-use for displaying graphs/stats CANNOT be deleted or edited

Create/Edit Node Type

Name
Number Of Ports

Node Types:

- Only (Noovis) Admins can do this
- Node Types that are currently in-use for displaying graphs/stats CANNOT be deleted or edited

Implementation Details

Generalized Implementation Steps

site building room oft splitter ont ont_gige

Iterate through columns and ...
Iterate through rows and

Recap of Desired Result

INPUT SHEET

site1	building1	room1	oft1	splitter1	ont1	ont1_gige
site1	building1	room3	oft1	splitter2	ont3	ont1_gige
site1	building1	room2	oft1	splitter1	ont2	ont1_gige

DESIRED DIAGRAM

Naive Implementation 1

Simply create nodes (and associated edges) to match nodes to each cell 1:1

Some nodes are incorrectly placed
Some nodes are not supposed to be in result

Naive Implementation 2: Use "Network Template"

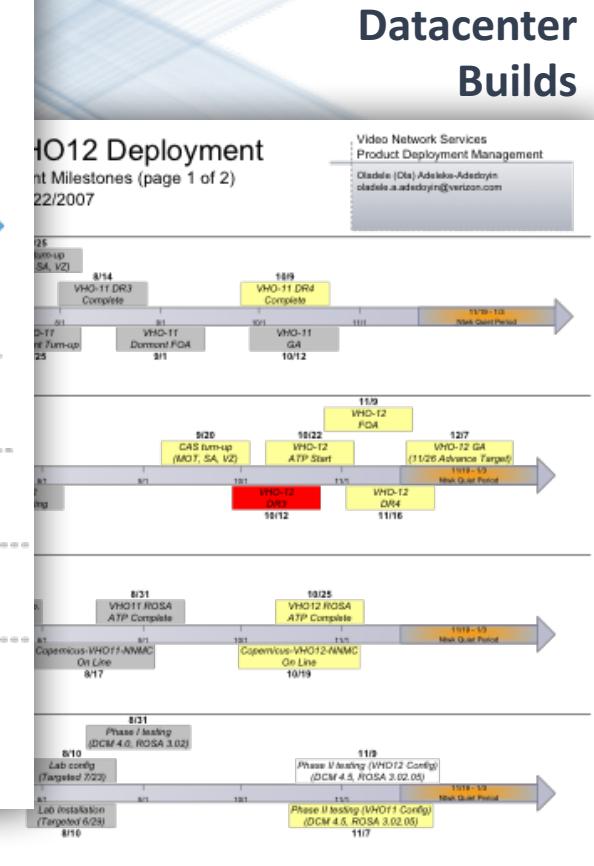
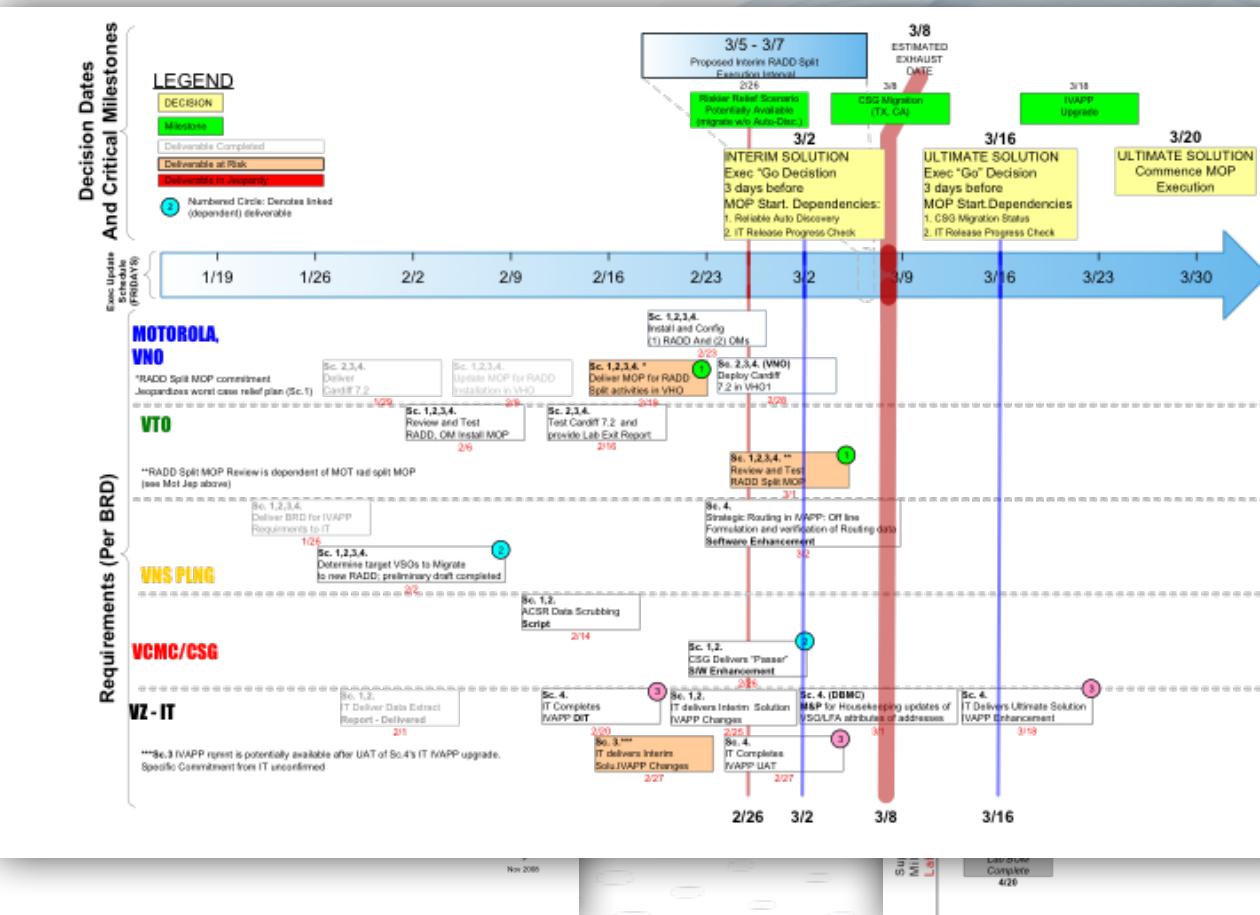
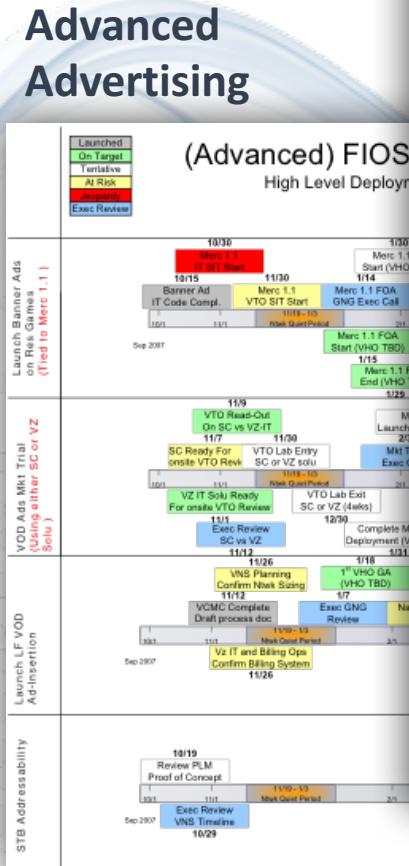
- Create "network template" data structure to store desired "hierarchy" of desired network diagram:
Example implementation of network template implementation
["site", "building", "room", "splitter", "room", "ont", "ont_gige"]
(Consider using higher-level abstraction rather than plain Ruby Array)
- Sort input sheet rows to match DESIRED DIAGRAM network hierarchy aka "network template"
- Iterate through columns in order of network template items and ...
3. Create nodes (and edges)

Prior Roles & Deliverables

Large Cross-Functional Team Management By Ola

Led cross-functional teams spanning multiple companies delivering technology solutions worth 10s of millions of dollars per project

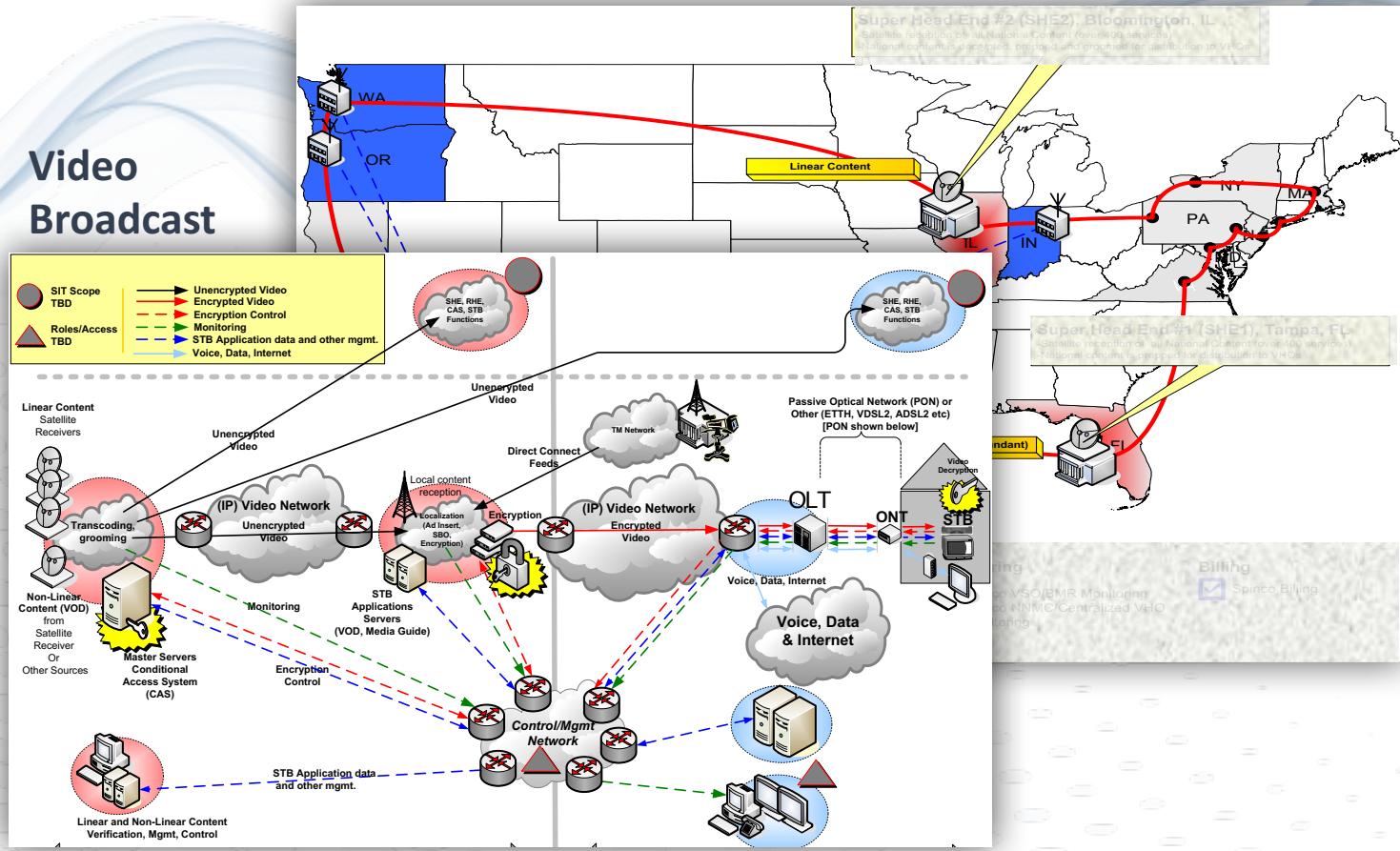
Capacity Expansion



Large Scale System Design

Designed large-scale technology solutions which involved taking into consideration tremendous amounts of, sometimes conflicting, inputs from internal and external teams

WAN



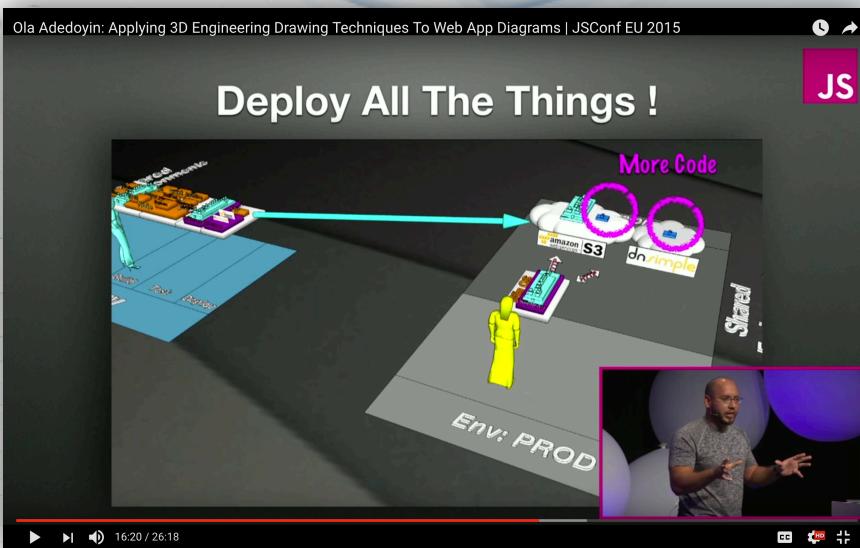
Video Streaming

Function	Sizing	Network Diagram
Satellite Reception (L-Band RF Output)	NA	
Integrated Receiver/Decoder IRD (Multiple Format Outputs)	4 SD Streams Output: MPEG2 TS or SDI	
Encoding & Encryption (Flash Stream Output)	4 SD Streams Input: MPEG2 TS or SDI Output: Encrypted Flash	
Encryption Control & Key Management	4 SD Streams 100 users x 2 locations Concurrency: 10%	
Backbone	4 SD Streams Hand-Off:	
CDN Backbone	4 SD Streams Hand-Off:	
CDN Streaming	100 users x 2 locations Concurrency: 10% Usage: 1 SD stream per User Locations: San Francisco & Mumbai	
Web/Application Server	100 users x 2 locations Concurrency: 10% Usage: Typical http/web browsing Locations: San Francisco & Mumbai	
Backbone (FUTURE: Direct connectivity if Available)	Per 7 & 8 Above	
PC (or CE) Client Decryptor & Flash Player	100 users x 2 locations Concurrency: 10% Input: Web/HTTP requests Output: Web/HTTP services	

Tech Interests

3D System Visualization JSConfEU, Berlin, 2015

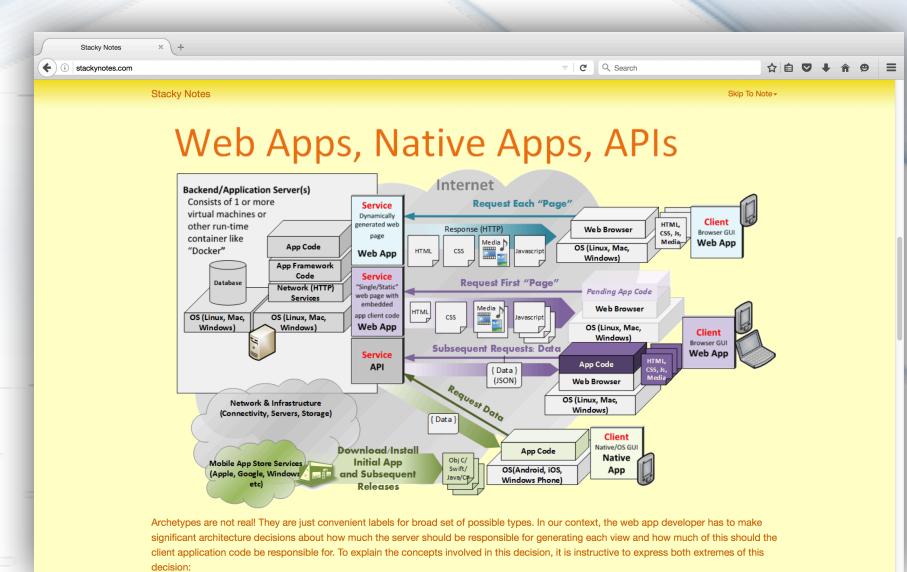
Ola presented original technique to visualize application delivery, using animated 3D diagrams, to improve business-technology collaboration
(<http://bit.ly/1RURUFO>)



<http://www.olasamples.com/>

Cloud, Web, Native Apps: An Intro Stackynotes.com

Ola created a friendly introduction to some of the key internet technologies underlying the growth in web/native apps
(<http://stackynotes.com/>)



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Thank You !

