

Cisco Partner Summit 2022

November 1-3, 2022 Las Vegas, Mandalay Bay

Xnet Networks, Inc.

Expert & CTO

Chief Software Architect



SDN

Software Defined Networks

Managing Networks with
Agile Policies and Code Paradigm

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The SDN market

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The Software-defined networking is hot. According to research firm IDC, the worldwide SDN market will surge to \$10 billion by 2023. The market is filled with both startups and industry giants.

The Network Silo is Broken

- Traditional Networks
 - Needs redesign
 - Needs virtualisation
- Weeks to provision
- Unresponsive



Be Careful Defining Silos



The Silo to Fear

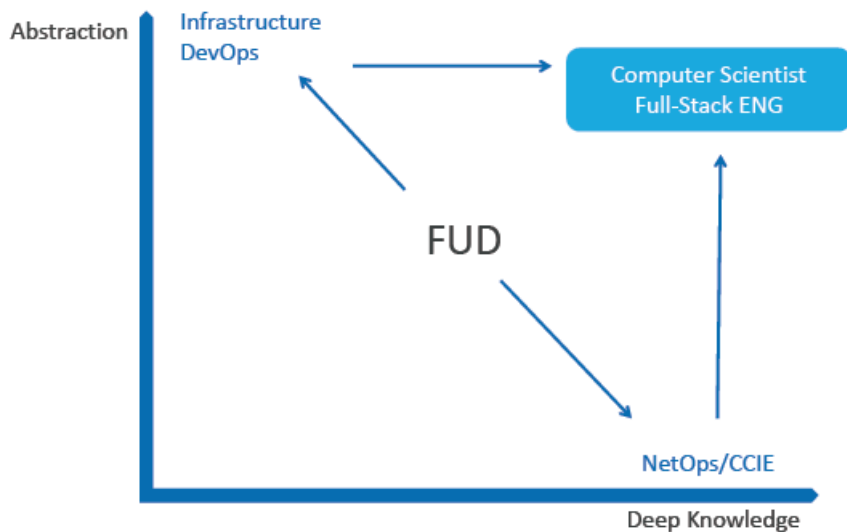


- Hardware doesn't define silos
 - People and process do
- Network is smarter than admins
- App owners know their requirements

The Real Answer

- The Xnet DNA Digital Network Architecture
 - Via APIs
 - REST API
 - Python
 - Low-Level API
- Keep network admins from paranoia
 - They can define design, rules and policies

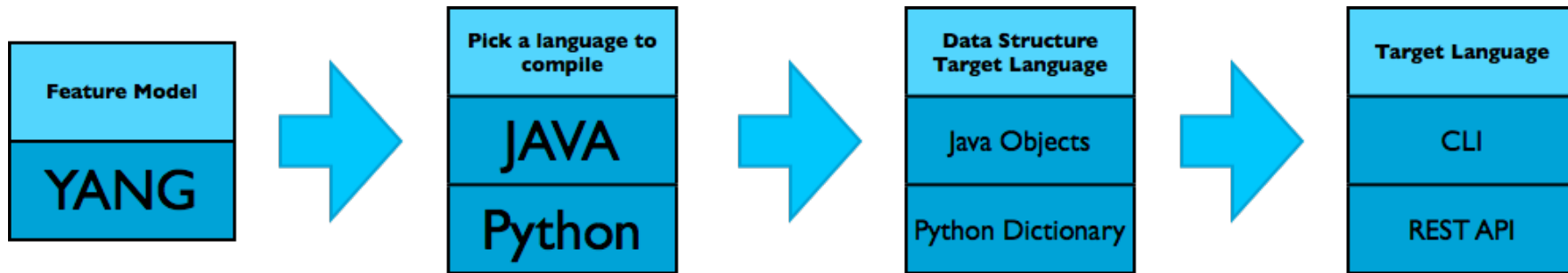
The lack of Full Stack Engineer



Xnet DNA Value Proposition

- Vendor/Device Agnostic
- One Model=Multiple Vendors
- Semantic/Syntax Control
- Centralized Knowledge
- Less Pressure on Operators
- Expertise is „canned“ in the Model

The Xnet DNA path

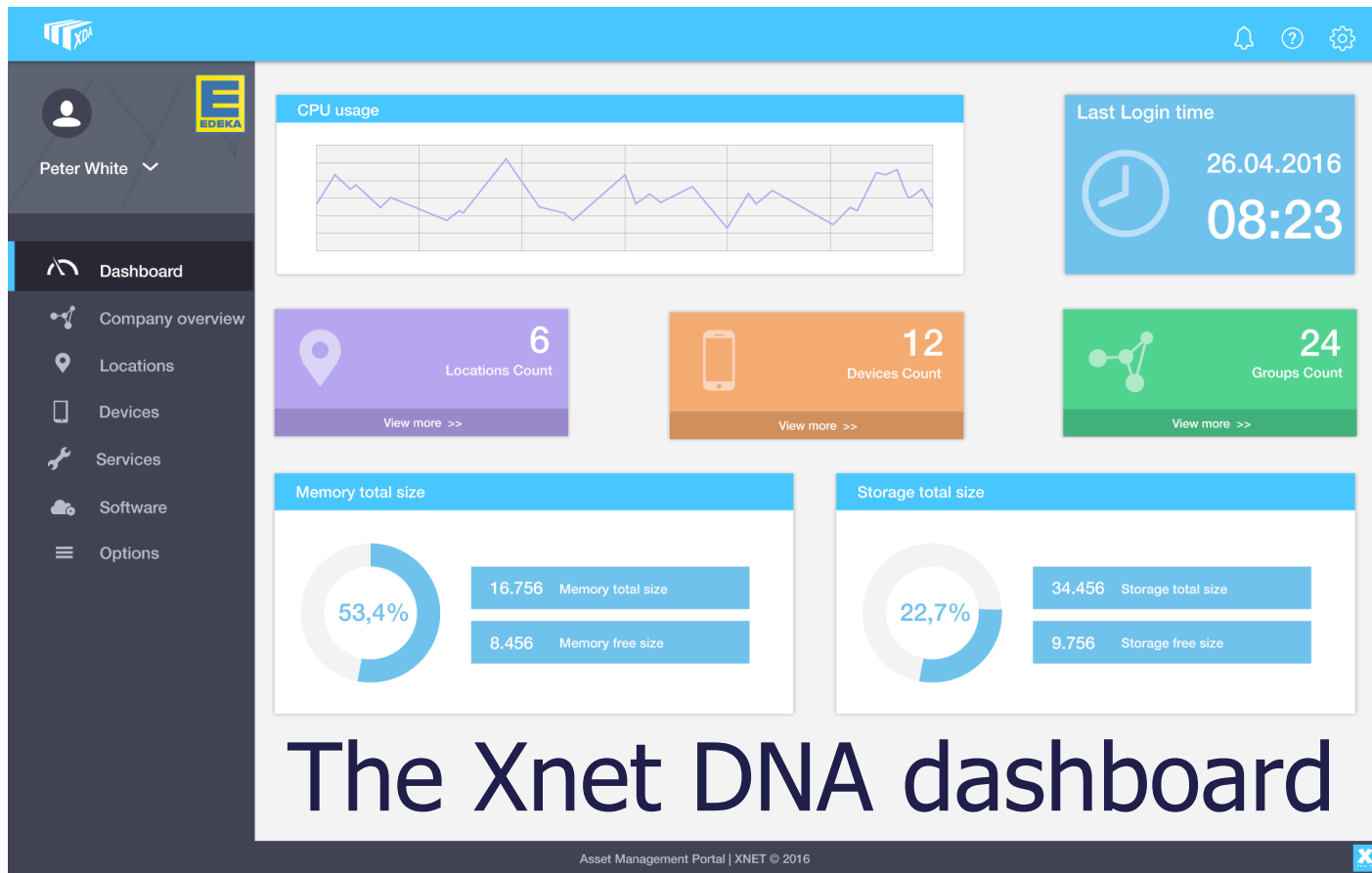


Desired Solution

- Easily convert network design knowledge into simplified operations interface
- Minimize time to deploy a new feature or device in the network
- Abstract configuration from network devices
- Manage the network without developing full programmer skill set

Desired Solution

- Single „pane of glass“ for configuration management of multi-vendor network
- Simplified „abstracted“ interface presenting only required information/options
- Automated „zero touch“ provisioning
- Manage the network without developing full programmer skill set



About Xnet

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Xnet leverages a two decades of development and deep, direct enterprise customer experience to deliver a sophisticated planning, distribution and management system for digital networks.

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