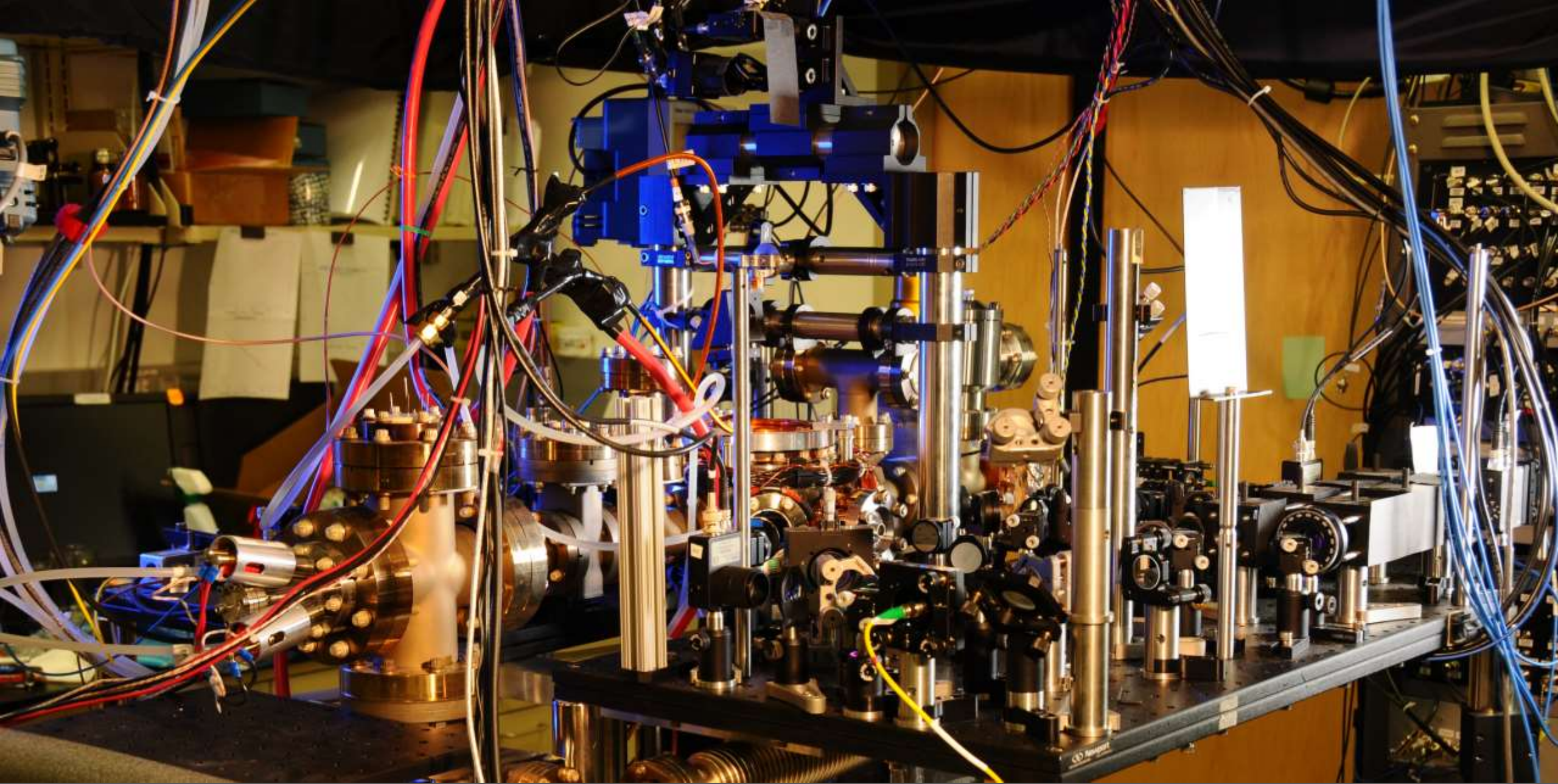


Your business
doesn't have
technology problems







*Solving
technology
problems isn't
your business*

You don't have
technology problems

You still have
problems

Tom




":-)"

Male
30 years old
Santa Monica,
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United States

Last Login:
8/27/2006

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Tom is in your extended network

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private profiles ([view more](#))

Top 8, 16, 20, 24 friends :) ([view more](#))

MySpace Concert & Parties -Georgia, Orlando, Miami! ([view more](#))

In Stores Today - MySpace Records Vol. 1 ! ([view more](#))

MySpace Records - in stores soon! ([view more](#))

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Tom's Blurbs

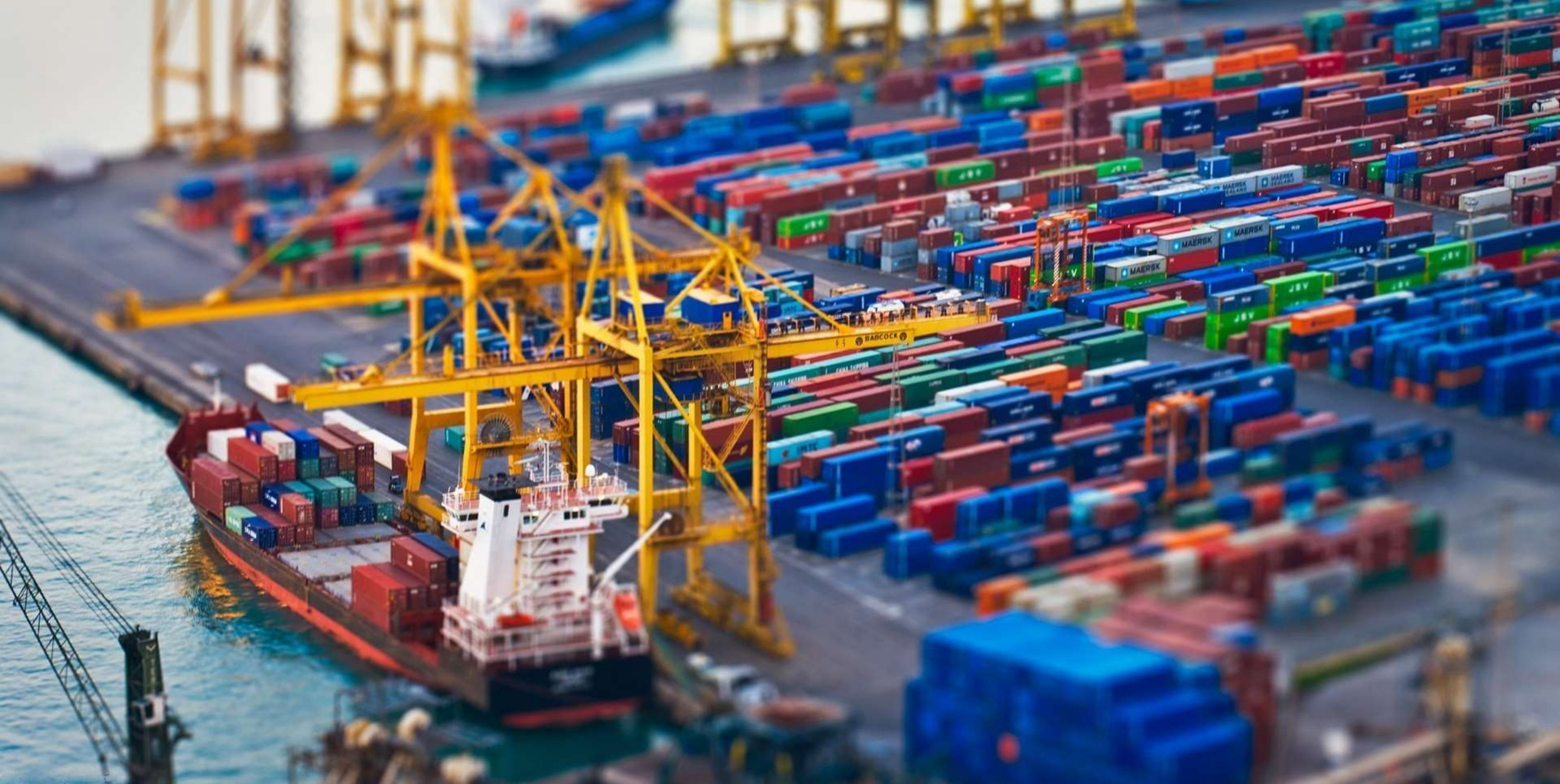
BLOCKBUSTER



PARIVEDA
SOLUTIONS



Partner
Network



Manager's/Engineers/CXX's Agenda

- Manager/Engineer/CXX
- [Calendar blocks visual] – governance, meetings, reports, reviews
- Engineer : Delivery , requirements, test, train, provision, post-mortems
- CXX – wondering why no one is focused on the big business problems (how are they spending their time??!)

Workflow analysis report

- Job Descriptions -> How time is actually spent

Inject some strategy

- Value Chain Mapping
- Show size bubble to relate to time/energy savings on how you do IT

-Break-

Quick intro to serverless

- Patterns
- Framework
- AWS

Define what we're talking about

- Serverless as general pattern
- Specifically using experience we have with using the Serverless Framework on AWS

Where's the audience at, and our premise

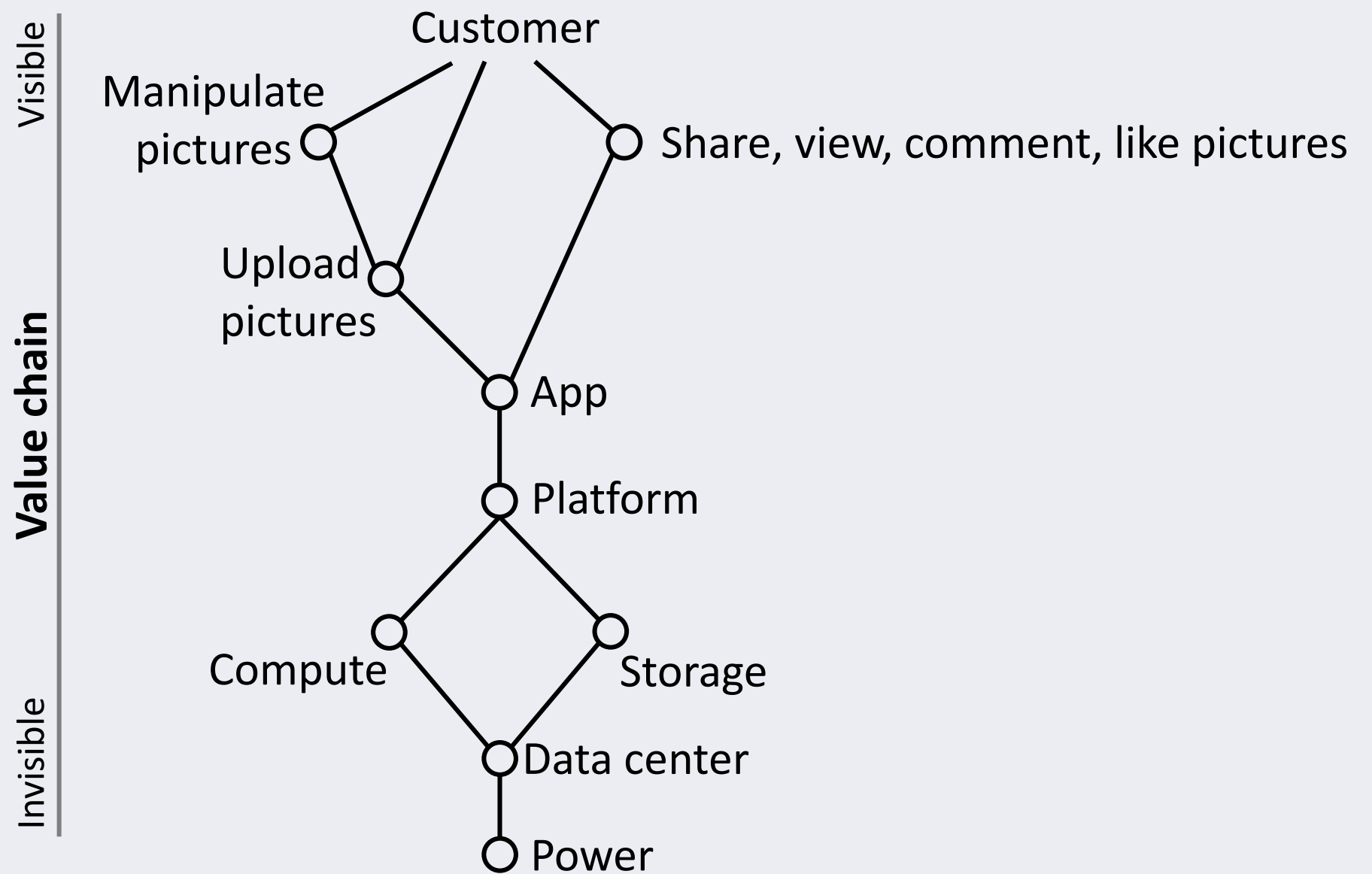
- Maturity framework of DevOps/cloud adoption
 - Show framework, ask people where they are, we will show how serverless gets you to most mature stage
- Makes it easier for you to do all the things you should have done before
 - Serverless democratizes the DevOps movement
 - Serverless is the pinnacle of the DevOps movement
 - We think serverless is the best opportunity for adopting DevOps best practices at your organization

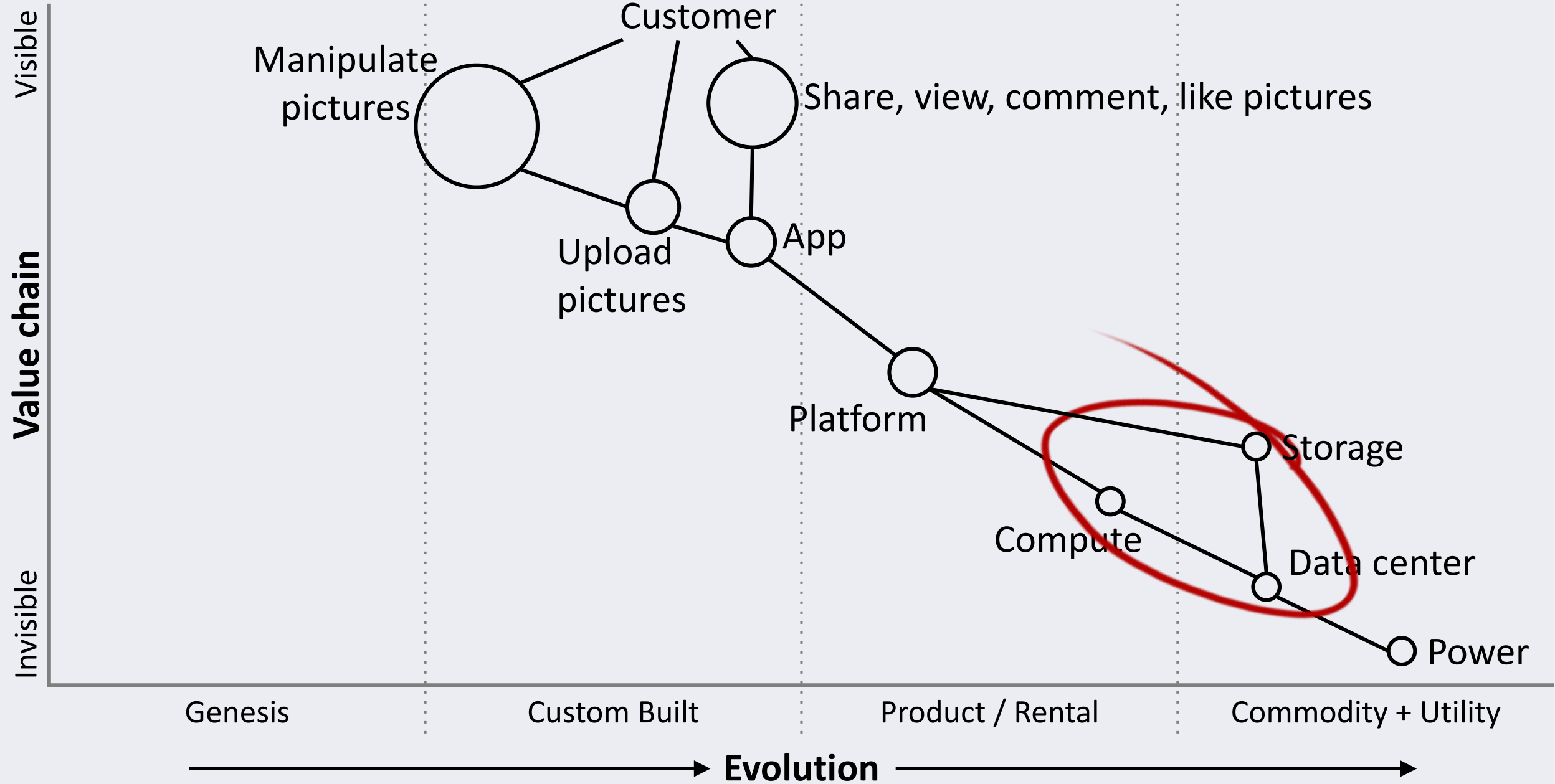
DevOps & cloud best practices maturity model

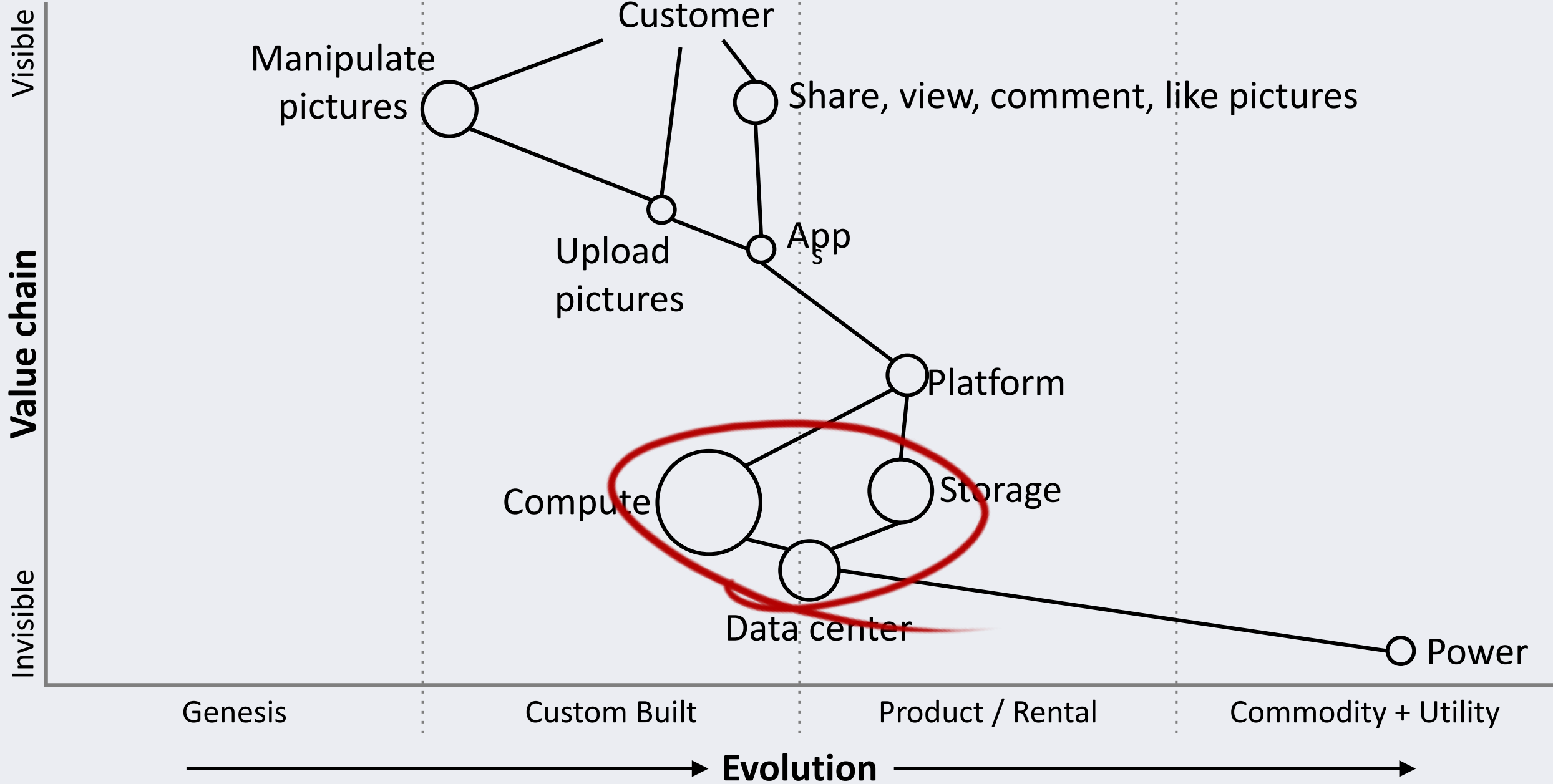
Metric	I	II	III
Culture	- Execute defined processes		- Learning organization - Feedback loops
Organization	- Technology & platform teams	- Lifecycle teams	- Autonomous product lifecycle teams
Projects	- Large, cross-team projects - Multi-year	- Series of small, discrete projects - Some cross-cutting	- Focus on products - Mission-based - Autonomy and experimentation - Iterative
Data decision making	- HiPPO	- Structured, schedule reporting - Frequently in silos	- Data-driven - Everyone in organization has access to all data
Delivery	- Monthly (+) - Manual	- Weekly - Automated in some environments, for some applications	- Multiple times a day - Fully automated
Cloud adoption	- Exploring the cloud	- Moving to the cloud	- 100% cloud adoption
Operations	- Analyzing to see if something broke		- Analyzing to see if business value created
Security	- Security theater	- Firewall security blanket	- Publish security practices

Serverless is a commodity

- Lets you move yourself up the value chain
- Wardley graph included here
 - (revisit at the end when discussing adoption paths)
 - Serverless is focusing on the top of the value chain
 - Lift and shift is focusing on the bottom of the value chain







DevOps best practices

- Infrastructure as code
- CI/CD for increased speed and stability
- Monoliths to microservices to functions
- Small teams, highly cohesive and loosely coupled
- Only pay for what you use
- Polyglot – the right language/framework for the job

Benefits of serverless

- True variable cost computing
- Time to market goes from months or weeks to days or hours
- Built in support for things you should be doing already
 - Infrastructure as code
 - API driven development and data analysis to inform product development
 - Small teams

Serverless as Trojan horse

- It's like magic – haven't met a developer who didn't love it
- Easy to use, easy to experiment with
- Low cost to learn, develop with, experiment with – only cost is time, no infrastructure or hosting

Who should do it

- Everyone, but the value will you get is inversely related to the investments you have made in DevOps and the cloud already
- For mature DevOps and cloud companies the benefits will be more incremental because they are already following best practices
- For companies without strong DevOps or cloud practices the value is much higher

How to try it

- If the people you've hired have built a mature DevOps and cloud company they already know about serverless and love it, and probably are already using it
- If the people you've hired haven't built a mature DevOps and cloud company
 - If they would like to but can't for whatever reasons, they likely know about serverless and have used it on side projects and love it
 - If they aren't pushing for DevOps or cloud there's a good chance they don't know anything about serverless (or DevOps practices in general)
- Know the group you are working with

Challenges to implement

- Retailers run large off the shelf software packages, how to incorporate serverless models around it

GameStop

Where it's already started



StanleyBlack&Decker

NORDSTROM



The Seattle Times