

What is your



# GRAND DESIGN ?







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What is your

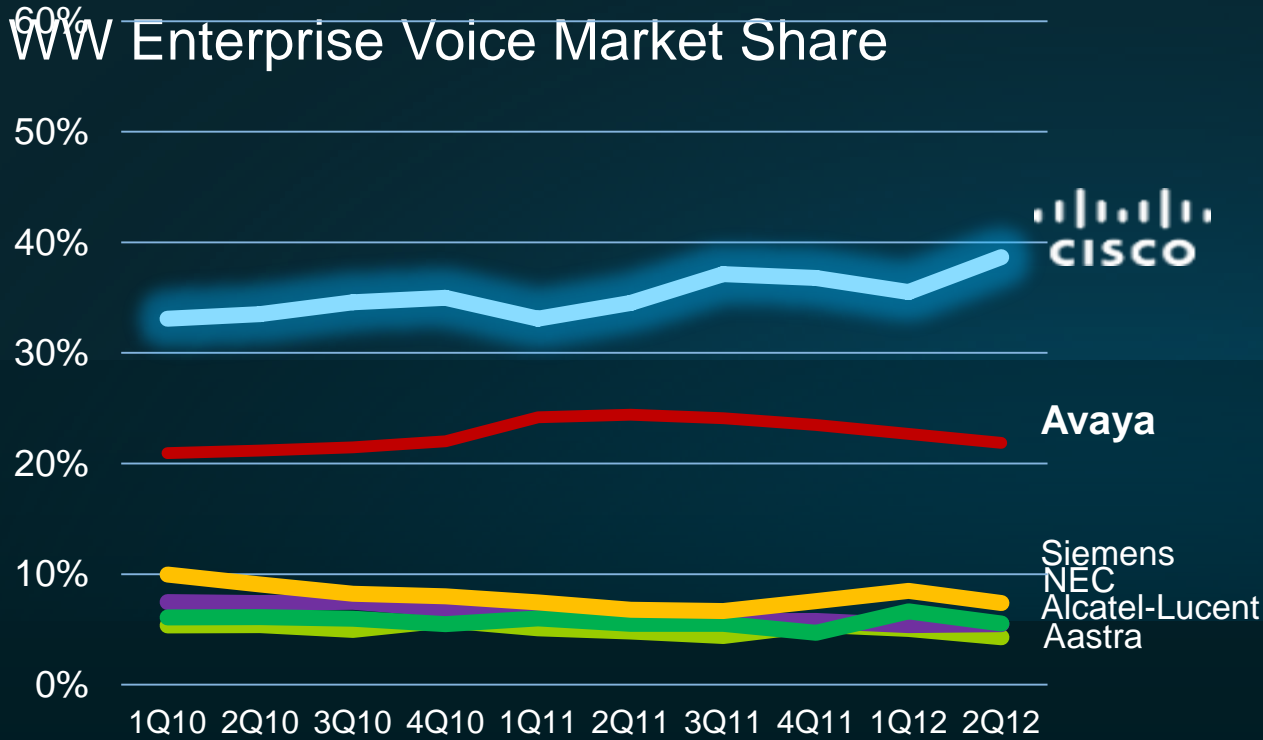


# GRAND DESIGN ?



# Cisco is the Leader in Visual Collaboration

- \$7.1B TAM for Mid-Market Collaboration
- 71% of Mid-Market non-UC
- 75%+ Execs: Collaboration = Critical



- #1 in Enterprise Voice
- #1 in Web Conferencing
- #1 in Unified Messaging
- #1 in Audio Conferencing
- #1 in Telepresence
- 130K+ Customers (>100 users)
- 50,000,000+ phones
- 48% SOM WW IP Phones

Sources: Synergy Research, and Gartner

Note: Enterprise Voice excludes low-end KTS category



# Architecture

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➤ easy-to-use

➤ technology

➤ process&culture

➤ easy-to-deploy

➤ aesthetic

# What are your use cases?



Basic Education

Post-graduate

Commercial Programs

Research

Operational





# Some key characteristics



## Basic education for students

### Presence

- students (remote)
- students (onsite)
- lecturer (onsite)
- lecturer (remote)

### Information access

- live vs. on-demand
- linear vs. non-linear

# Some key characteristics



## Post-graduate studies

### Presence

- student (onsite)
- instructor (onsite)
- expert (remote)

### Process

- iterative process
- need for information repository
- video-on-demand and transcription of spoken text



# Some key characteristics



## Commercial Programs

### Presence

- students (onsite)
- lecturer (onsite)
- expert (remote)

### Process

- iterative process
- time restricted

# Some key characteristics



## Research

## Presence

- researcher (onsite)
- team (remote)
- expert (remote)

## Process

- iterative process between organizations
- need for documentation
- high security requirements



# Some key characteristics

## Administration and operations

### Presence

- staff (onsite)
- team (sometimes remote)
- experts (remote)

### Process

- iterative process between organizations
- need for documentation



# Challenges going forward

## Technology

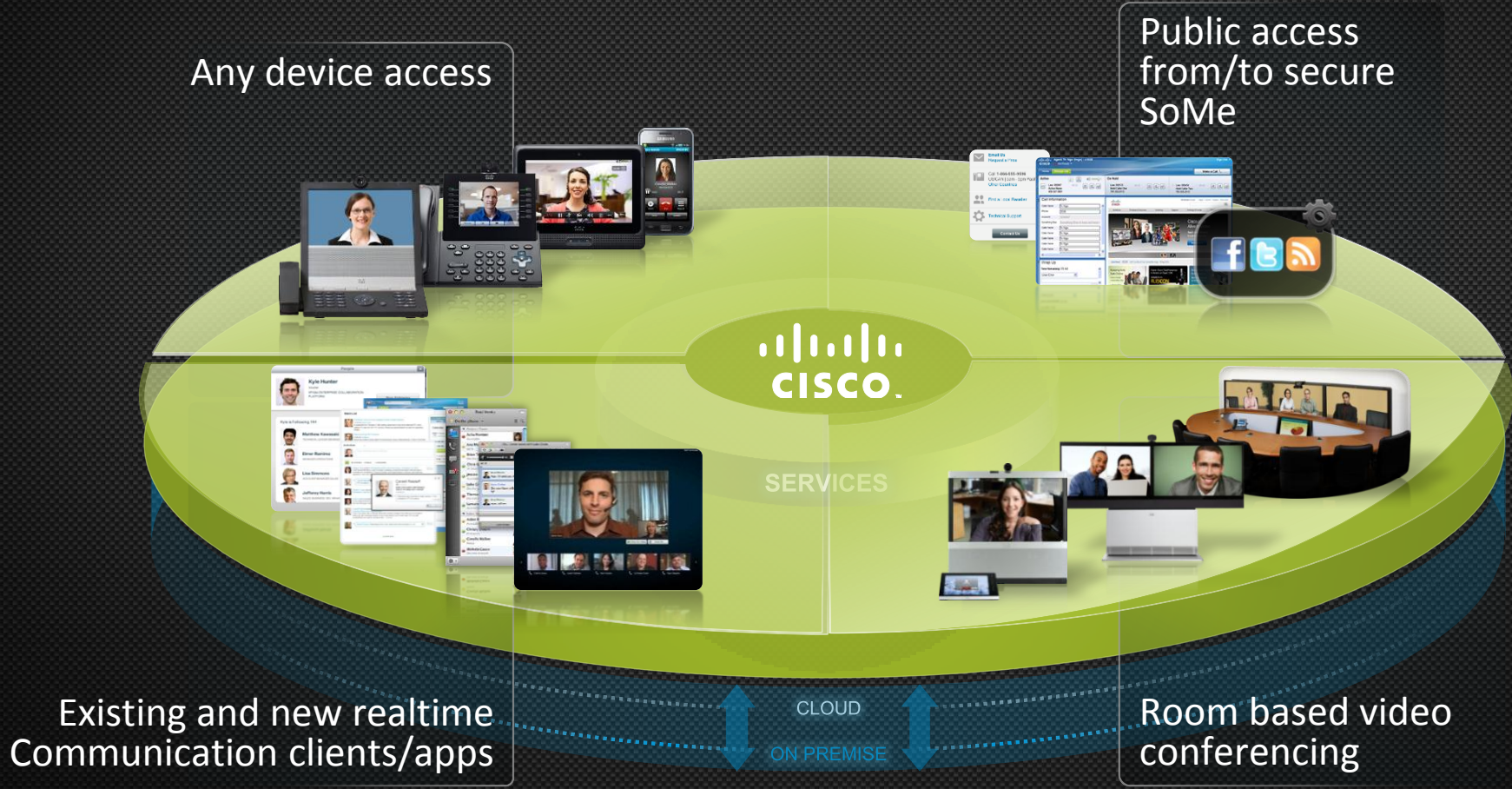
- will the chosen technology become/stay standard?
- will the development curve be aligned with objectives?
- will the chosen technology enable new ways of operating?

## Organizational

- will the organization adopt the technology?
- how will new technology change the curriculum?
- how will new technology challenge current pedagogic?
- will funding model be in place 2-3 years from now?
- what solutions will ecosystem partners deploy?



# Collaboration Platform





# Environmental challenges affecting uses cases

## Cloud services

- departmental point-buying
- siloed solutions

## Proprietary technology

- Skype, Facetime, Facebook

## WebRTC / HTML5

- browser-based applications
- easy access to “university on-demand”

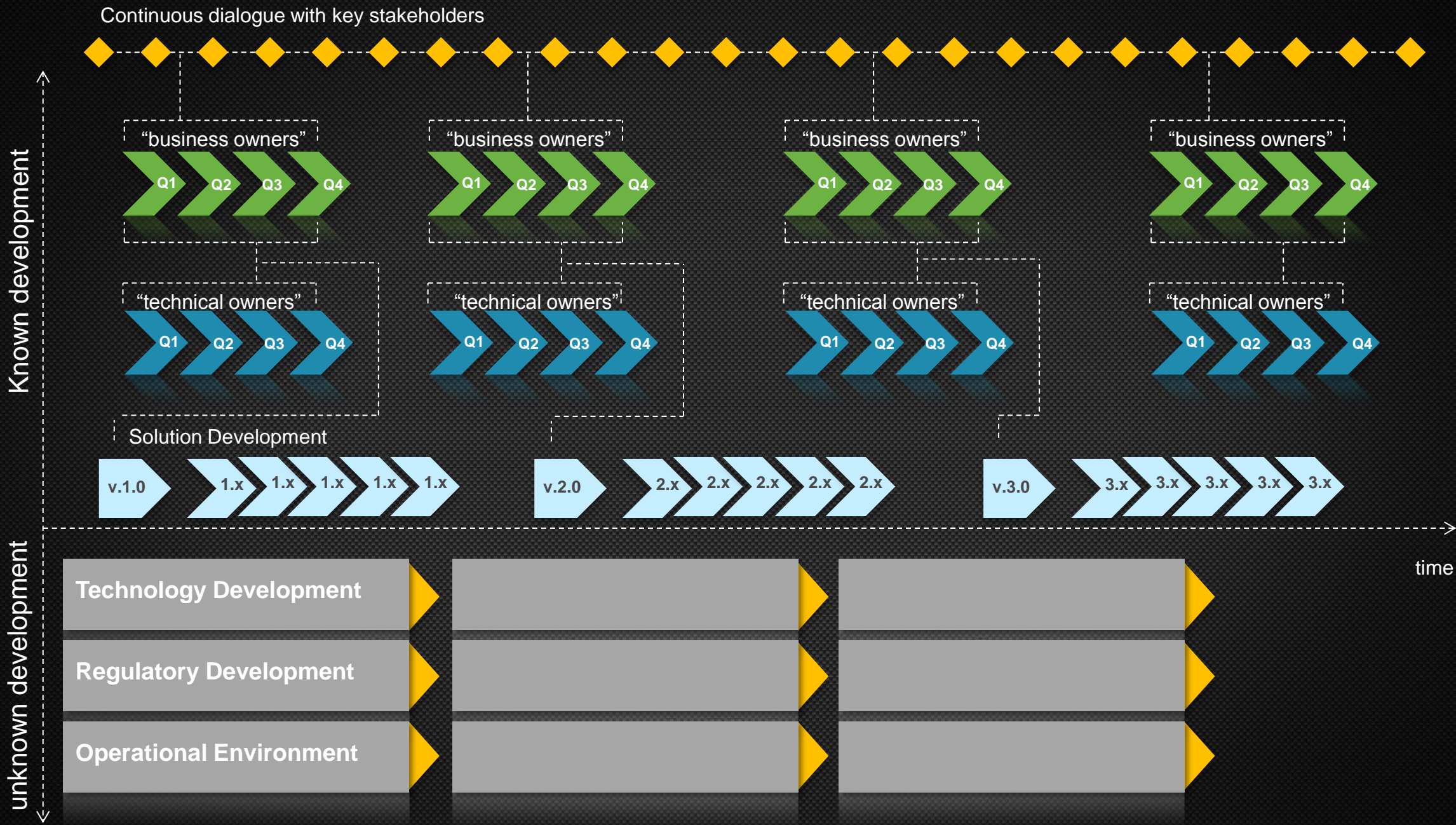
## Enterprise social media

- Moodle, Sharepoint, Yammer, WebEx Social

## Any device (BYOD)

- Battle of the mobile OS
- Create and consume from any device





Continuous dialogue with key stakeholders

Known development

unknown development

time

"business owners"

Q1 Q2 Q3 Q4

"business owners"

Q1 Q2 Q3 Q4

"business owners"

Q1 Q2 Q3 Q4

"business owners"

Q1 Q2 Q3 Q4

"technical owners"

Q1 Q2 Q3 Q4

"technical owners"

Q1 Q2 Q3 Q4

"technical owners"

Q1 Q2 Q3 Q4

"technical owners"

Q1 Q2 Q3 Q4

Solution Development

v.1.0

1.x

1.x

1.x

1.x

1.x

v.2.0

2.x

2.x

2.x

2.x

2.x

v.3.0

3.x

3.x

3.x

3.x

3.x

Technology Development

Regulatory Development

Operational Environment



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