CIO/CTO/IT Leadership Panel

AFCOM Southern California Chapter

4Q16 Educational Series Event

Holiday Social

Panelists

Ashwin Rangan
CIO, ICANN

Jack Pouchet
Vice President, Market Development, Vertiv

Jim Radzicki
CIO, Contract CIO

Mert Cubukcuoglu
Sr. Engineering Manager – Product Infrastructure – Core Services, Intuit

Moderator: Jason Shepard, AFCOM So. Cal. Chapter Board

Four (4) Categories of CIOs

Executive Recruiting Firm Korn/Ferry Identified - Wall Street Journal (09/20/16)

Category	CIOs	Description
Commercial	44%	Business first IT leader; Possible non-IT background; Balances stakeholders; Ensures accountability; Inspires; Driven by collaboration; Social leader
Transformational	24%	Detail oriented; Curious; Driven by challenge; Global/Broad perspective; Navigates professional networks; Strategic; 84% possess post-grad degrees
Innovative	21%	Visionary; Pushes boundaries; Sees technology as an enabler; Sets high expectations; Adaptable; Risk taker; Influential1. Commercial
Tech	11%	Technically minded; Detail oriented; Thrives in complex IT environments; Dedicated; Achievement oriented; Persistent; Ensures accountability; Drives results; Aligns execution

For the Panelists – CIO Roles

- As CIOs/CTOs/Senior IT leaders, where do you get your news on trends from?
  - (e.g. magazines, industry associations, peer groups, vendors, etc.)?

- How has your role changed in the past:
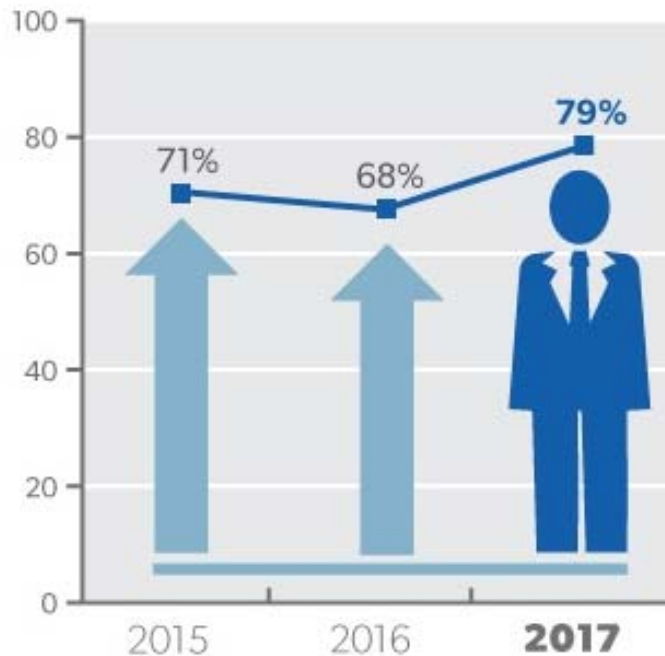 - Five (5) years?
  - Two (2) years?
  - Pace of change?

Confidence & Challenges

Via TEKsystems research of 700 North American IT Leaders – InformationWeek, 12/12/16

Confidence in IT

Confidence at a three-year high

Percent confident in IT department's ability to satisfy overall organizational demands

71%   68%   79%

100
80
60
40
20
0

2015   2016   **2017**

Organizational alignment

RANKED **No.1** CHALLENGE to achieving next year's goals

For the Panelists – CIO Roles

- What are/have been your biggest challenges?
  - Today?
  - 2017?
  - How far out do you (or can you) plan?

- How do you bridge the gap between internal stakeholders & facilitate change?

Budgets & Spending

2017 IT Budget:

- According to Forrester: InformationWeek (11/07/16)
  - "…declining economic prospects and increasing uncertainties will result in a 2.9% increase in spending in 2017."

- Via TEKsystems' research of 700 North American IT Leaders : InformationWeek (12/12/16)
  - 49% expect their IT budget to increase next year while 39% expect IT spending to stay the same.

- According to 451 Research: InformationWeek (11/17/16)
  - One-Third (1/3rd) Goes to Cloud, Hosting Services
  - Where are IT budgets being spent?:
    - » 42% on application services
    - » 30% on infrastructure spending
    - » 14% on managed services
    - » 9% on security services
    - » 5% on professional services -- specifically for cloud enablement

Projected Spending Areas

Technology Areas With the Biggest Impact

Impact areas and spending continue to run parallel

SECURITY
65%
46%

CLOUD
60%
38%
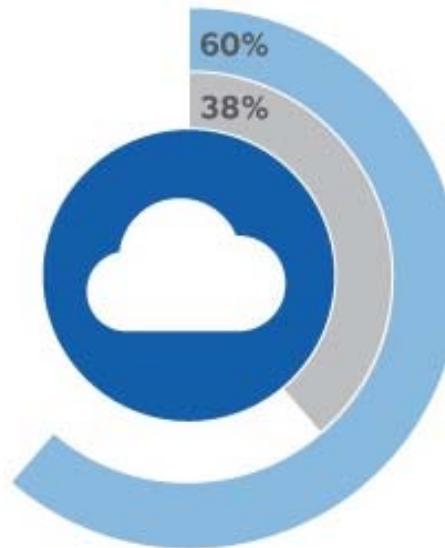
BI / BIG DATA
50%
28%

Top 3 areas IT leaders expect to increase **spending**

Top 3 trends and technologies expected to have the **biggest impact** on the organization

For the Panelists – IT Spending

- How do you see IT budgets/spending in 2017?
  - Decreasing, Flat or Increasing?
  - Will budgets stay annual or become quarterly?
  - Proactive vs. Reactionary

Cloud Will Go Away?

Peter Levine, general partner at Andreessen Horowitz
Gartner, Las Vegas last week:
Data Center Knowledge, 12/15/16

- … some in the Silicon Valley venture capital community are already thinking about a future when cloud will start losing its relevance.

- "In the not-too-distant future <u>cloud computing is going to go away</u>,"

- As computing capacity at edge nodes grows, demand for large centralized pools of processing resources in massive data centers will shrink, representing a pendulum swing not unlike the shift from mainframes to distributed client systems in the past.

- "<u>Computing goes from centralized to distributed to centralized</u>. That's been the ebb and flow of computing since the beginning of computing," Levine said.

- "Guess what, cloud is the centralized model"

For the Panelists - Cloud

- Is the cloud going to take over everything?
  - "Move To", "Adoption of" or "Hybrid"

- Barriers to Entry?
  - Security Considerations?

- Scale, Scope & when to keep in-house?

Staffing

Hiring Expectations

Staffing and managed services to increase

Staff augmentation — 39%, 38%, 43%

Managed, project-based or SOW* services — 38%, 31%, 43%

2015   2016   2017

*Statement of work
*More than 700 IT leaders were polled in Oct. 2016

For the Panelists - Staffing

- Where do you see growth?

- Challenges?

- Skill Sets & Retention?

Five (5) Trends Shaping 2016

1. Cloud – more complicated than it looks

2. Architecture – four (4) emerging archetypes

3. Language – IT / DCIM Rosetta Stone

4. CSR – Beyond PUE and Green

5. Edge – Compute / Storage 'Last Mile'

Via Jack Pouchet, Vertiv – Data Center World – Fall 2016

For the Panelists

- What is the best way to communicate with senior IT leadership?

- What are some of the new buzzwords we need to know?
    - Blockchain, Shadow IT, Instances...

- What's next?

Questions