



LIQUID TECHNOLOGY

# The Changing Landscape of the IT Department

**In 2017**  
**nearly 5.4 million**

individuals worked as technology professionals across the U.S. economy



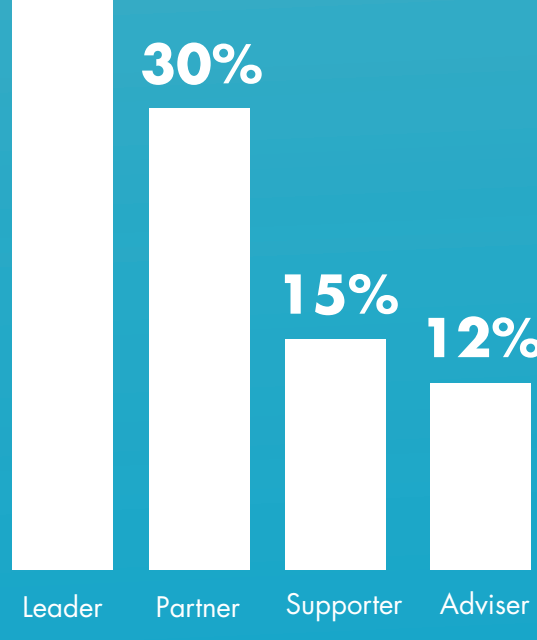
**55%**

of most CIOs continue to function as trusted operators who focus on IT efficiency, reliability, and cost containment



## CIOs' ROLE IN DEVELOPING ORGANIZATIONS' DIGITAL STRATEGY

**40%**

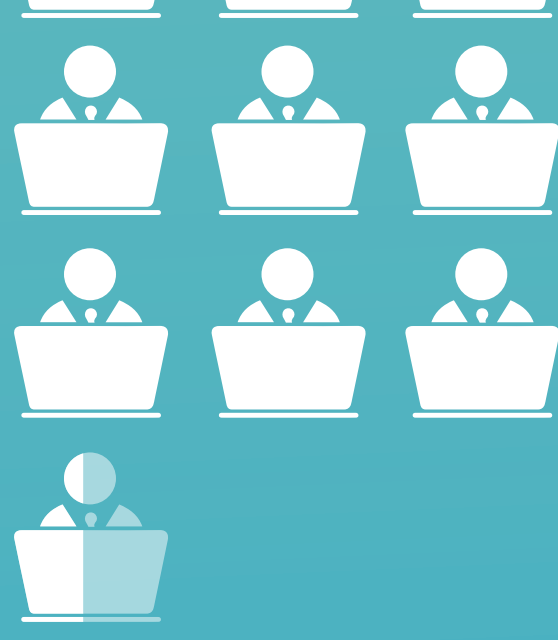


**40%**

of CIOs indicate that they lead digital strategy

**93%**

of IT experts believe their firm's CTO or top IT executive is becoming more important to their business, according to the 2017 Private Equity CTO Survey



**85%**

of most firms also see the CTO becoming more involved in driving the firm to meet regulatory and compliance demands (Private Equity CTO Survey, 2017)



## 5 COMMON IT JOB TITLES



### TECH SUPPORT

an IT technician, a help desk expert, or a computer user support specialist

1

2

### PROGRAMMER/DEVELOPER

developers help to produce applications that enable greater productivity and flexibility for team projects



### BUSINESS ANALYST

Analysts must be adaptable as they deal with multiple departments within a company and should meet all their different needs

3

4

### INFORMATION SECURITY ANALYST

The individuals who are skilled at planning and installing a robust cybersecurity network and monitoring it properly are becoming one of the more common IT job titles



### WEB ADMINISTRATORS

Responsibilities for this role include consulting for system requirements, installing upgrades, and ensuring the performance of the web environment is in top shape

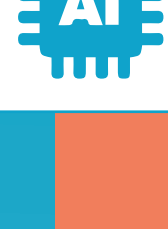
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## 14 EMERGING IT JOB ROLES TO WATCH

1



Machine learning trainer



2

AI developer

3



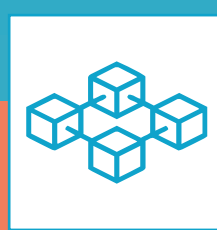
Industrial IoT engineer



4

Geospatial and mapping specialist

5



Blockchain developer



6

Digital designer

7



Cybersecurity architect



8

Penetration tester

9



User experience (UX) designer



10

Solutions architect

11



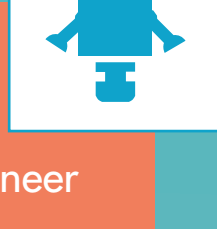
Full stack developer



12

Technology project manager

13



Robotics engineer



14

Drone operator / technician

### Sources:

<http://www.inteqna.com/blog/5-common-it-job-titles>  
<https://www.comptia.org/resources/it-industry-trends-analysis>  
<https://www2.deloitte.com/insights/us/en/topics/leadership/global-cio-survey.html>  
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