In 2018, Spiceworks surveyed 150 U.S. financial services IT decision-makers — here are the emerging themes:

- Nearly half of data is on-premises, but most expect to increase their use of cloud.
- 46% of companies plan to achieve these initiatives by implementing NEW IT SOLUTIONS.
- 52% of companies plan to achieve these initiatives by evaluating adding NEW PROVIDERS to their mix.
- 50% of companies plan to achieve these initiatives by building out NEW IT INFRASTRUCTURE.
- 46% of companies plan to achieve these initiatives by implementing NEW IT SOLUTIONS.

**EXPECTED IMPACT OF EMERGING TECH**

- artificial intelligence: 47%
- Blockchain: 34%
- Internet of Things: 20%
- cloud migration: 43%
- internal app performance: 21%
- security: 43%
- data center: 15%

**PREPARATION OF INFRASTRUCTURE TO SUPPORT EMERGING TECHNOLOGIES**

- artificial intelligence: 25%
- blockchain technology: 25%
- internet of things: 20%
- cloud migration: 25%
- internal app performance: 20%
- security: 20%

**WHERE DATA CURRENTLY RESIDES**

- on-premises: 46%
- off-premises data center: 23%
- hosted/cloud: 17%
- colocation: 14%

**EXPECTED CHANGE**

- in next 3 years:
  - on-premises: decrease
  - off-premises data center: increase
  - hosted/cloud: decrease
  - colocation: increase

**WHERE DA T A CURRENTLY RESIDES**

- on-premises: 46%
- off-premises data center: 23%
- hosted/cloud: 17%
- colocation: 14%

**EXPECTED IMPACT OF EMERGING TECH**

- artificial intelligence: significant impact
- blockchain technology: slight impact
- internet of things: no impact

**PREPARATION OF INFRASTRUCTURE TO SUPPORT EMERGING TECHNOLOGIES**

- on-premises: prepared
- off-premises data center: prepared
- hosted/cloud: prepared
- colocation: prepared

**NEW IT SOLUTIONS**

1. New IT Solutions
2. New Providers
3. New IT Infrastructure

**STATE OF FINANCIAL SERVICES IT**

**TOP TECH INITIATIVES**

- cloud migration
- internal app performance
- security

**WHEN IT INFRASTRUCTURE IS PREPARED FOR THE IMPACT OF EMERGING TECHNOLOGIES?**

- 2018: 58%
- 2019: 50%
- 2020: 46%
- 2021: 42%
- 2022: 31%

**NEW TECHNOLOGIES**

- artificial intelligence
- blockchain technology
- internet of things
- cloud migration
- internal app performance
- security

**WHERE DATA CURRENTLY RESIDES**

- on-premises: 46%
- off-premises data center: 23%
- hosted/cloud: 17%
- colocation: 14%

**EXPECTED CHANGE**

- in next 3 years:
  - on-premises: decrease
  - off-premises data center: increase
  - hosted/cloud: decrease
  - colocation: increase

**NEW IT SOLUTIONS**

1. New IT Solutions
2. New Providers
3. New IT Infrastructure