

Construction technology outlook 2019

Sage and the AGC surveyed over 1,300 construction professionals to identify current technology trends. Learn what's happening and why investments will increase in 2019 and beyond.

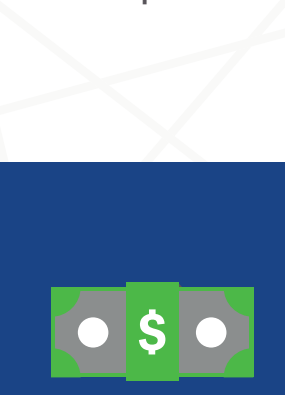
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IT planning



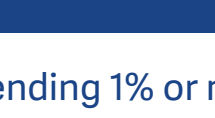
have a formal IT plan



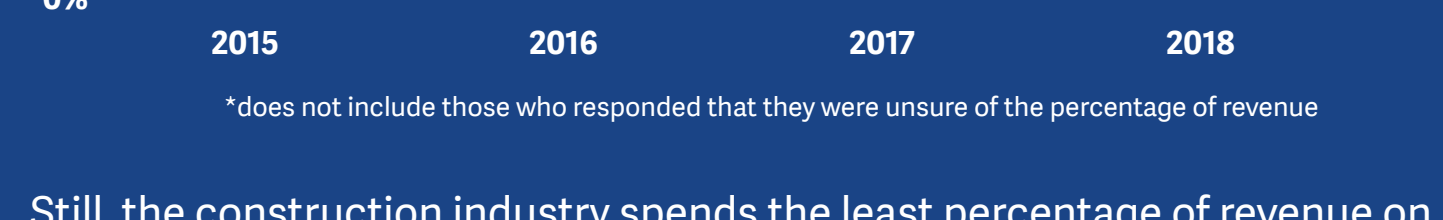
have no formal IT plan



expect to put an IT plan in place in 2019



IT investment



* does not include those who responded that they were unsure of the percentage of revenue

Still, the construction industry spends the least percentage of revenue on IT compared to other major industries, according to Gartner.

Construction firms will continue to heavily invest in IT.



will increase IT investment in 2019

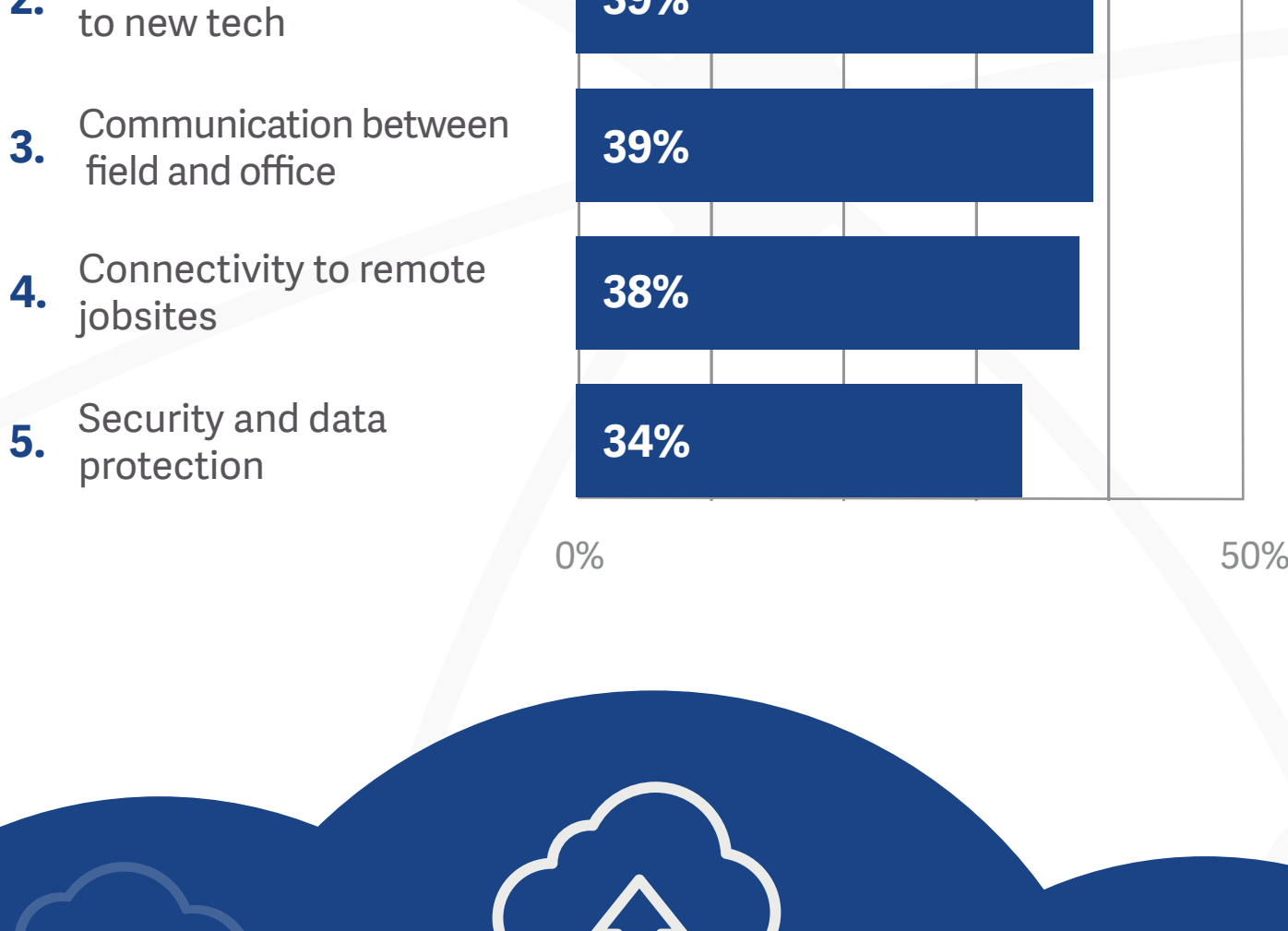


will keep investments the same



Top 5 IT challenges

Implementation, employee adoption and field connectivity top list of challenges.



Mobile is driving productivity in the field.



What people access on their smartphones:

70%



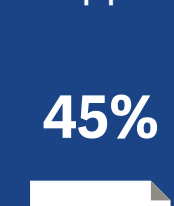
Daily field reports

63%



Customer and job information

63%



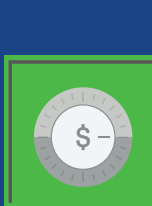
Employee time tracking and approval

61%



Drawings, photos, and documents

53%



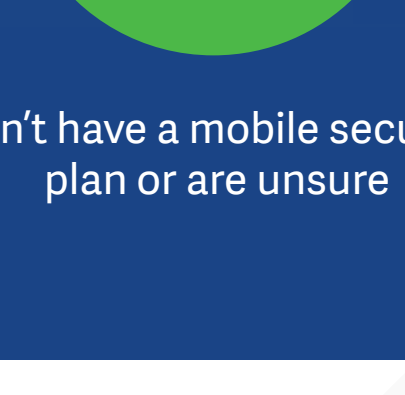
Job cost and project reports

45%



Punch lists

But mobile security is an afterthought.



don't have a mobile security plan or are unsure

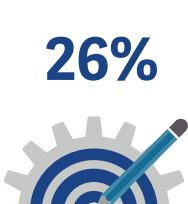


BIM

Use of Building Information Modeling (BIM) continues to increase.

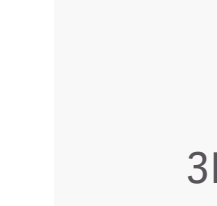


of firms will expand use of BIM on projects



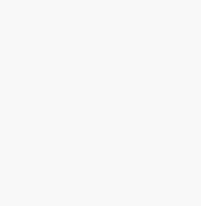
How firms are using BIM:

29%



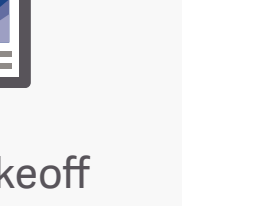
Clash detection

26%



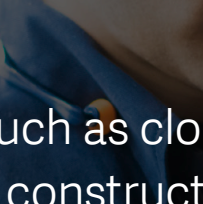
Constructability input into design

21%



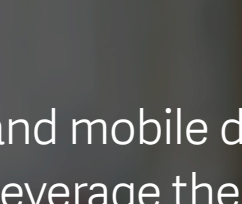
Communicating scope to client

19%



3D model design

17%



Enhanced takeoff for estimating

Technologies such as cloud computing and mobile devices are driving the new era of construction. Firms that leverage these innovations in a strategic manner—where they deliver the biggest benefit in time and cost savings—will be poised to sprint ahead of the competition. Discover how you compare to your peers in the construction industry.

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