

Generating business value with the AWS serverless platform



How organizations increase agility and innovate faster with AWS

As organizations look to accelerate delivery of high quality applications, many are taking advantage of the serverless operating model as part of their digital transformation efforts. Serverless applications require no infrastructure to scale or manage, scale automatically, and have high availability. IDC spoke with these organizations, and found that serverless helps them drive business value in four fundamental areas: cost savings, staff productivity, operational resilience, and business agility.

FOUR AREAS OF VALUE

1 Cost savings



Organizations that moved to AWS reduced the percentage of IT spend on infrastructure, freeing budget for reinvestment in other areas.

“ We’ve lowered the overhead of feature development with AWS serverless platform. This allows us to spend more time developing innovative products. We’ve

gained millions of dollars of additional revenue from the platform per year.



AWS customer

Average annual benefits
= \$10.71 million
per organization

\$3.21 million per org in revenue and productivity gains

409% 5-year ROI

2 Staff productivity



IT and developer teams gained significant productivity because they need less time to deliver an increased number of new applications and features.

80%
more efficient IT infrastructure teams

33%
average higher developer productivity

“ We’re deploying code and not specifying server capacity or anything else. AWS does all that for you, and our developers are about

20% more efficient.

AWS customer

\$280,500
average savings per application from increased IT and business productivity

3 Operational resilience



The security and reliability of AWS enhances business performance by reducing the loss in productivity that comes with unplanned outages.

Revenue impact from reducing unplanned downtime

\$144,100
average additional revenue

71%
fewer unplanned outages

58%
less MTTR (mean time to repair)

4 Business agility



AWS customers accelerated time to market, sped deployment of new features and applications, and improved scalability.

89% improvement in time to deploy new compute

96% improvement in time to deploy new storage

“ AWS serverless platform has enabled our business, and it goes back to agility. The key to our brand is to make quick moves. Business comes up with something, and then they want it yesterday. So the key to this strategy is having the agility.

AWS customer

Transform your business with AWS



COST SAVINGS

+



STAFF PRODUCTIVITY

+



OPERATIONAL RESILIENCE

+



BUSINESS AGILITY

AWS combines these cloud business drivers in a comprehensive, transformational solution for organizations like yours.

ABOUT THE STUDY: IDC interviewed 11 large organizations with more than 10,000 employees and an average of \$7 billion in annual revenue. The companies were primarily based in the United States, with Japan and the United Kingdom also represented. The vertical industries included communications, data analytics, financial services, manufacturing, online media, real estate, retail, technology, transportation, and travel.

See how AWS fosters innovation and business transformation

[Visit AWS Executive Insights](#)

[Read the full IDC report](#)