

# The Business Value of Amazon DynamoDB

IDC's research demonstrates how organizations can **establish more cost-effective and efficient database environments** with Amazon DynamoDB, while also leveraging **improved database performance, scalability, and functionality to provide higher-quality and more timely services to their customers.**

## KEY RESULTS

**38%**

lower three-year  
cost of operations

**8 months**

payback on  
investment

**378%**

three-year return  
on investment

### CUSTOMER QUOTE (BIOTECHNOLOGY):

*"Before Amazon DynamoDB, we had issues with concurrency of jobs ... Now, the company doesn't have to fall back to IT when making decisions and ask 'can you support this'? We've got the bandwidth with Amazon DynamoDB to handle whatever is needed."*

## BUSINESS AND PERFORMANCE BENEFITS

**67%** faster to deploy  
new database

**\$38.54 million**  
higher revenue  
per organization per year

**28%** increase in  
DevOps productivity

## COST AND STAFF BENEFITS

**25%** lower cost of equivalent  
database environments

**\$8.48 million**  
average annual benefits  
per organization

**49%** increase in  
technical staff efficiency

### CUSTOMER QUOTE (FINANCIAL SERVICES):

*"The biggest operational advantage of Amazon DynamoDB for us is being serverless, which reduces operational costs, upgrade issues, management, and even having to deal with security patches directly. Another is the cost model –pay as you use rather than paying for scaling whatever we use."*

All statistical claims included in this document are based on the interview responses received by IDC.