

Helping businesses create unmatched meeting and event experiences

Industry

- [Media & Entertainment](#)

Customer application

- Event management

NoSQL solution

- [Customer 360](#)

Use case

- Microservices
- Source of truth
- Content management

Product

- [Couchbase Server](#)

Cloud provider

- AWS

Key features

- [NIQL](#)
- Multi-dimensional scaling
- [In-memory database](#)

cvent

As the company behind the industry's leading event and meeting management platform, Cvent is constantly building new services for its customers. Over time, Cvent's platform grew into a monolithic application that was increasingly difficult to scale. In order to improve scalability and simplify development, Cvent made the move to a microservices architecture. They chose Couchbase's NoSQL database as the center of their new architecture because it's uniquely able to provide the high performance, scalability, and flexibility required for continuous delivery. The flexibility of Couchbase was put to the test with the COVID-19 pandemic forcing Cvent to create an online event platform.

CHALLENGES

- Cvent needed to architect a full-service online event platform to meet shifting market demands
- Cvent's massive and growing platform made it difficult and expensive to scale
- The size of the platform made it increasingly difficult to administer

OUTCOMES

- Within 3 months Cvent built a virtual conference platform that was able to accommodate 40,000 attendees
- Couchbase scales easily and efficiently to hundreds of nodes
- A built-in web admin console makes it easy to configure, manage, and monitor

“Due to the pandemic we were forced to shift industries entirely. Within three months we built a virtual platform to host our own conference with over forty thousand attendees. Our partnership with Couchbase made it possible, from scalability and the reliability we knew our database could handle.”

— Brent Ryan

VP of Engineering, Cvent