

For a Private Aviation Marketplace

# Enabled Real-Time Charter Booking and Payments

Unlocked speed, scale, and payment  
reliability for a fast growing private  
aviation marketplace

---

Ccube re-engineered the platform end-to-end transforming it into a cloud-native, real-time charter marketplace built for speed, reliability, and high-volume transactions.

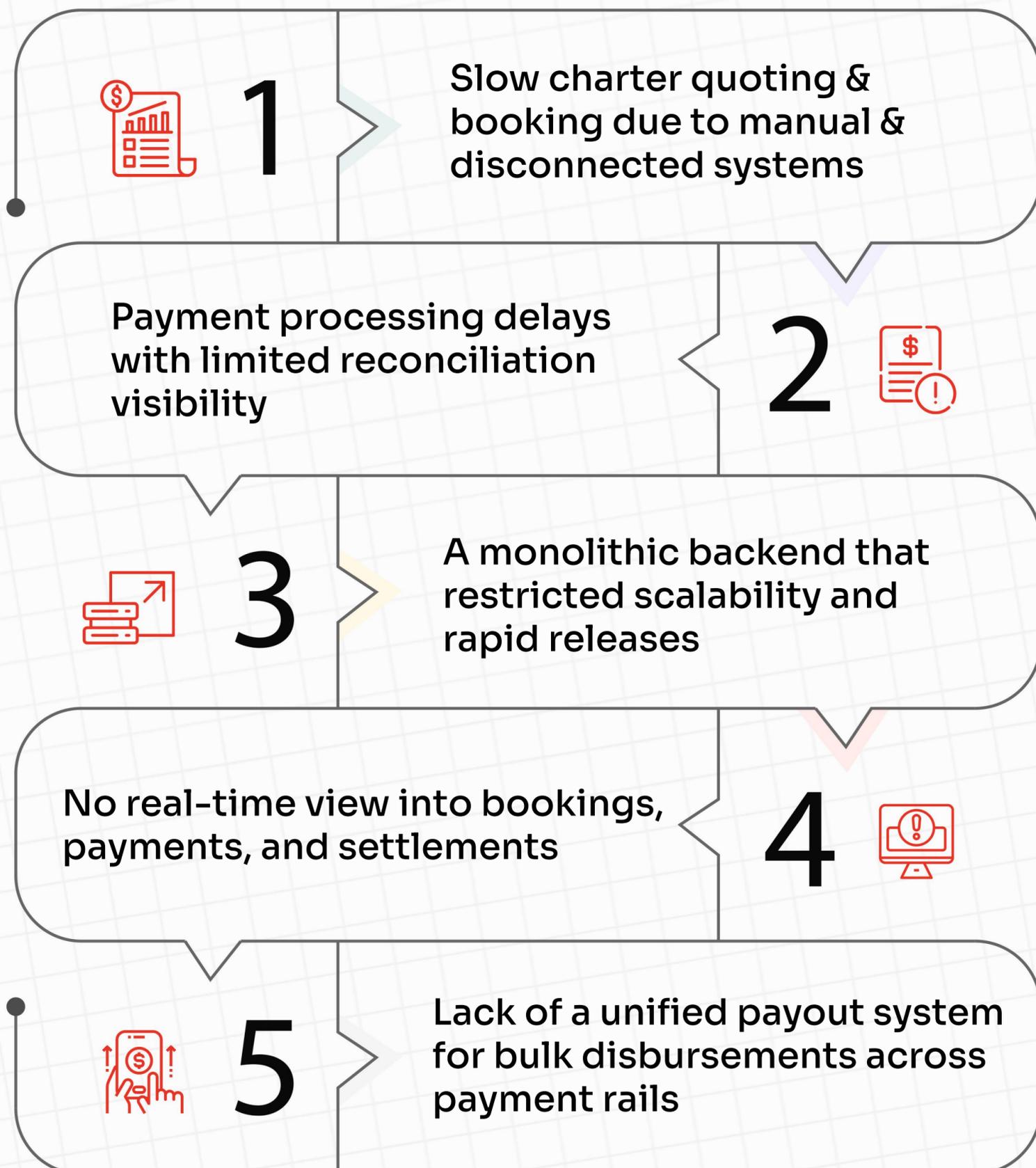
*A Ccube Aviation Case Study*



# Problem Statement

---

Operational bottlenecks and legacy technology were impacting both revenue and customer experience:



# Solutions

---

- » Re-architected the platform using microservices.
- » Migrated infrastructure to AWS with containerized, auto-scaling services
- » Built a real-time quoting engine integrating pricing, routing, and aircraft availability
- » Implemented seamless, end-to-end booking workflows
- » Developed an embedded payments system supporting cards (Visa rails, MC Send), ACH, and wires
- » Automated payment matching and reconciliation
- » Introduced CI/CD pipelines, infrastructure as code, and proactive monitoring
- » Delivered a unified payout system enabling bulk disbursements via Venmo, PayPal, cards, and ACH

## Tools & Capabilities

- Real-time pricing, routing, & availability engines
- Secure booking and CRM integrations
- Embedded payments & automated reconciliation
- Multi-rail payout orchestration
- Cloud-native infrastructure with CI/CD automation

# Impact

---

- » Charter quotes generated in **seconds instead of hours**
- » Improved booking conversion rates **by 15%**.
- » Near **real-time payment** settlement and reconciliation
- » **99.9% platform** uptime with elastic scalability
- » Faster feature releases with **fewer production issues**
- » **Increased** operational efficiency and customer satisfaction

## Business Outcome

**By modernizing** its charter booking and payment infrastructure, the platform evolved into a **scalable, high-performance aviation marketplace**.

The transformation enabled **faster transactions**, stronger financial control, and the operational agility required to compete in **high-velocity private aviation markets**.

# Want results like this?

Book a call to see how Ccube can  
modernise your aviation platform.

 [sales@ccube.com](mailto:sales@ccube.com)

 [www.ccube.com](http://www.ccube.com)

 [@ccube-inc](https://www.linkedin.com/company/ccube-inc)

