

## Remote Legal Scales Video Depositions with Optimized Data Infrastructure

### Empowering the Future of Legal Depositions

As one of the leading platforms for **video depositions and digital legal document management**, Remote Legal set out to modernize how law firms and court reporters handle virtual proceedings. As virtual legal proceedings surged post-2020, Remote Legal needed instant, secure, and reliable access to large video files and transcripts - all without compromising speed or uptime.

However, as usage scaled rapidly, their infrastructure began showing cracks:

- **Frequent system timeouts** disrupted attorney access during depositions.
- **Slow query speeds** delayed document retrieval.
- Un-optimized configurations strained both servers and staff.

Remote Legal required a **data solution** capable of handling surging workloads and ensuring optimal performance during mission-critical legal sessions.

### The Challenge: Scaling Legal Data Without Losing Speed

As the LegalTech industry became more competitive, Remote Legal's leaders faced a notable challenge: how to grow quickly without downtime and while staying compliant. Their monolithic database system had several issues:

- **High delays** during busy hours.
- Inefficient connection pooling caused **frequent disconnections**.
- No **real-time visibility** into system health.
- **Rising costs** for infrastructure maintenance.

For a company handling sensitive legal data, these issues posed significant operational and reputational risks. These slowdowns risked non-compliance with court deadlines, jeopardized client satisfaction, and eroded trust in system reliability. Data-Sleek eliminated these bottlenecks and delivered lasting reliability through architectural optimization and proactive monitoring.

### The Solution: Data-Sleek's Intelligent Optimization

Data-Sleek designed and implemented an intelligent optimization plan combining advanced data engineering, real-time monitoring, and scalability modeling. This strategy enhances scalability, reliability, and cost efficiency, giving Remote Legal confidence in the solution.

- **Connection Pooling:**  
Reduced database timeouts and improved stability during heavy workloads.
- **Health Monitoring:**  
The optimized system now automatically identifies and resolves issues before they impact users.
- **Performance Improvement:**  
Improved query logic, timeout settings, and packet sizes to make data retrieval faster.
- **Scalable Infrastructure:**  
Designed a modular architecture capable of growing with user demand.
- **Operational Efficiency Gains:**  
Freed the internal team from constant database troubleshooting, allowing them to focus on innovation.

## The Results:

### Legal Data That Moves at the Speed of Justice

Data-Sleek's intervention produced measurable, transformative outcomes for Remote Legal:



#### **27% increase in operational efficiency**

streamlined workflows and reduced manual intervention.



#### **58% reduction in data management costs**

significant annual savings on infrastructure achieved through architecture right-sizing and automated resource scaling.



#### **72% improvement in compliance risk management**

strengthened governance, encryption, and audit capabilities for sensitive legal data.



#### **Zero system outages**

attorneys now access depositions and documents without interruptions.



#### **18% reduction in client churn**

Improved customer satisfaction through consistent performance and reliability.

With its new high-performance data infrastructure, Remote Legal can confidently scale its platform while maintaining flawless reliability, fast performance, and full compliance, cementing its position as a leader in the LegalTech industry.



## About Data-Sleek

Data-Sleek's extensive partnership opportunities help organizations strategically build data science and analytics capabilities to achieve their business objectives. Ready to learn more? Reach out to our experts today and discover how partnering with Data-Sleek can transform your organization's future.

Ready for your own success story?

Learn how Data-Sleek makes data management easy.

Contact us to learn more about Data-Sleek and how we can help drive actionable results with your data.

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