

# Scalable Cloud PDF Bill Rendering

## AT A GLANCE

### Challenges

- Need for high-volume rendering
- Legacy system bottlenecked bill delivery
- Production-quality PDF output
- Time-sensitive business requirements

### Methods

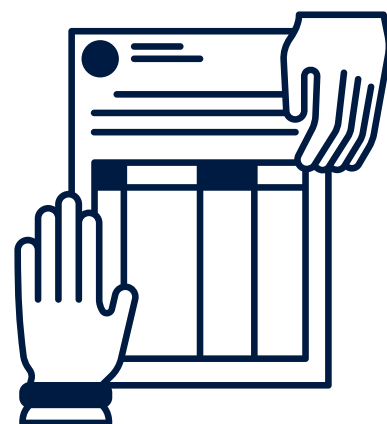
- AWS Lambda/S3 architecture
- QuestPDF-based rendering engine
- Custom validation web portal
- XML-driven, production-grade output

## OBJECTIVES

Avista needed a high-throughput, production-ready PDF bill rendering system. The solution required rapid implementation, alignment with AWS infrastructure, and precision rendering of XML-based customer bills. IntelliText was chosen for its ability to architect a stable and scalable system on a short timeline.

## SOLUTIONS

IntelliText delivered a cloud-native rendering system using AWS and QuestPDF, capable of generating over 100,000 PDFs in minutes. A custom portal enabled review of flagged bills, while streamlined integrations supported downstream workflows like email and print fulfillment.



## BENEFITS



### Blazing Fast Throughput

Generated over 100,000 PDFs in under 15 minutes



### Architectural Excellence

Scalable AWS infrastructure tailored to Avista's needs



### Operational Empowerment

Simplified validation and integration processes for internal teams



Partnering with IntelliText gave us the technical leadership and execution we needed to modernize our bill delivery processes. Their team architected a high-performance and highly resilient solution that exceeded our expectations and helped us fulfill a promise we made to our board over two years ago. The work they've delivered in such a short time has been very impressive — IntelliText has been a wonderful partner for us.



**Matt Halloran**  
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