



CASE STUDY (Globalscape)

## Music Publisher Uses Globalscape EFT™ in AWS to Improve Efficiency and Create A Scalable Infrastructure

### Globalscape Provides Load-Balanced Highly-Available EFT Enterprise Solution

#### Overview

One of the largest music publishers in the United States maintained a complex workflow of daily corporate tasks. However, this process had become even more complicated with recent growth and acquisitions. The organization had acquired many smaller publishers and were faced with the challenge of requiring exponential growth in bandwidth demands.

#### Challenge

The IT team had a process which involved tracking each instance of a song playing on radio stations and online streaming services, then processing and reconciling that data, before issuing invoices to sources and payments to artists. Each data source adhered to its own unique format, and extensive work had to be done to transform that data into a consistent format for further processing by internal applications. The company had used Globalscape EFT with active-active high-availability clustering, and they did extensive automation and data validation and transformation work within the Advanced Workflow Engine to great success.

However, this process became more cumbersome with the continued acquisition of many smaller publishers and substantial bandwidth demands. This would overtax the hardware on which their EFT solution was processing the data.

#### KEY DETAILS

##### OUTCOME

-  Scale infrastructure in a fast and cost-effective manner
-  Reliable, always available service
-  High availability
-  A secure file transfer, safely accessed both externally and internally

##### APPLICATION

- + Orchestrates the movement of data deep into the organization for processing
- + Maintains constant availability for mission-critical systems

##### PRODUCTS

- + Globalscape EFT™
- + EFT™ High-Availability Clustering
- + EFT™ Advanced Workflow Engine
- + Professional Services

## Implementation

As a long-time client, the company consulted Globalscape to discuss additional options for their complex processes.

The organization needed to:

- Continue to maintain constant availability of systems
- Process diverse formats and types of data into an expected output
- Reduce the strain on existing systems and scale to meet growth

Rather than simply expanding their on-premise implementation horizontally, adding additional nodes to handle the increased load, they opted instead to acquire and initialize a new load-balanced and highly available Globalscape EFT implementation within their growing Amazon Web Services private cloud environment. The company was able to assign each implementation a discrete set of roles in the overall corporate managed file transfer strategy, thereby managing their complex business processes.

## Result

Using the AWS implementation, the music publisher was able to easily handle the growing bandwidth requirements of transfers to and from third parties, and verify that the data was well-formed, according to the expected formats. Once received, and initial basic checks passed, the files would be pushed in compressed batches from the AWS implementation to their on-premise implementation where the work of data transformation would begin. The data was then handed off to other internal application servers before any resulting invoices or statements would be sent to the AWS instance for distribution.

The music publisher was able to leverage this role-based approach to easily handle increased bandwidth demands in AWS and perform initial data checks so that bad data would never reach their internal implementation. Also, their internal on-premises implementation was able to take on the processing load in a more streamlined manner without the additional roles of servicing clients or pushing and pulling between third parties, and performing all the initial data checks without overwhelming the on-premises systems. The music publisher was able to reduce costs by using AWS, increase the efficiency of their business processes by moving to a role-based processing structure, and maintain constant availability of systems.

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