

# Advent Case Study

## Demurrage Guarantee Request System

When American Transportation Group needed a system to manage their demurrage guarantee requests, they turned to Advent.

ATG needed a complete workflow solution that could manage all the stages of a request for a demurrage guarantee from submission to final approval. The application needed to be accessible from ATG and ATG affiliated offices across the globe. It needed multiple layers of security, a controlled workflow consisting of multiple stages of approval and automated email communications to the ports.

With Advent's expertise in transportation, we evaluated ATG's requirements and proposed a web-based solution that exceeded their expectations.

Request #	Date	Status	Disputed	Submitter	Submitted Dept	Approved Dept	B/L #
2005-0110	04/15/2005	Unsubmitted	None	Siva Kandappan	RONA Operations		N
2005-0113	04/15/2005	Unsubmitted	None	Siva Kandappan	ATG Canada Intermodal		N
2005-0115	04/15/2005	Unsubmitted	None	Siva Kandappan	ATG Canada Intermodal		N
2005-0116	04/15/2005	Unsubmitted	Open	Siva Kandappan	ATG Canada Intermodal		N
2005-0120	04/18/2005	Unsubmitted	None	Siva Kandappan	ATG Canada Intermodal		N
2005-0121	04/18/2005	Unsubmitted	None	Siva Kandappan	ATG Canada Documentation		N
2005-0122	04/18/2005	Unsubmitted	None	Siva Kandappan	ATG Canada Documentation		N
2005-0123	04/18/2005	Unsubmitted	Open	Siva Kandappan	ATG Canada Documentation		N
2005-0124	04/18/2005	Unsubmitted	None	Siva Kandappan	ATG Canada Demurrage		N
2005-0128	05/10/2005	Unsubmitted	None	Siva Kandappan			N
2005-0129	05/10/2005	Unsubmitted	Open	Siva Kandappan	ATG Canada Documentation		N
2005-0130	05/10/2005	Unsubmitted	None	Siva Kandappan	ATG Canada Demurrage		N
2005-0132	05/10/2005	Unsubmitted	None	Siva Kandappan	ATG Operations		N
2005-0136	05/12/2005	Unsubmitted	None	Siva Kandappan	ATG Operations		N
2005-0140	05/13/2005	Unsubmitted	None	Request Submitter	ATG Accounts Receivable		N

Along with the application, Advent included a sophisticated reporting engine that allows ATG users to quickly sort, filter and summarize the status of demurrage guarantee requests. The results can also be exported to Excel for offline analysis.

Developed in Microsoft .Net technology, the application is accessible throughout ATG's global network. The system leverages existing ATG infrastructure running on existing ATG web servers and MS SQL Server 2000 servers. The system also interfaces with their existing AS400 based booking and documentation systems.



For more information on this and other case studies, please contact Michael Mayhew, Vice President of Business Development at (908) 795-3223 or [mmayhew@adventinc.com](mailto:mmayhew@adventinc.com)