

z/Trim Data Provider

Improve fraud detection by providing Mainframe data to Business Intelligence teams

Business Challenges:

- Number of data breaches increased 200% between 2015 and 2017.
- **70% of business-critical data is held on Mainframes:** wire transfers details, check payments, etc.
- **How can Business Intelligence teams access this information and improve fraud detection?**

Solution Description:

z/Trim Data Provider is an easy-to-use and non-intrusive application enabling the transfer of mainframe application data to analytics repositories such as Hadoop, Elasticsearch, and Splunk.

The transfer is done through a secure channel within a few seconds without consuming Mainframe resources.

Data Provider allows Business Intelligence teams to leverage mainframe application data for automated fraud detection enabling greater insight to the business.

“The solution is implemented in a few hours and the data is provided in a few seconds.”
Large European Bank

For more information:

To learn more about z/Trim Data Provider, visit www.rsd.com/ztrim

**\$2.2 BILLION
LOSSES**

FOR BANKS CAUSED BY FRAUD*

Action:

Modernize your Mainframe by leveraging Business Intelligence on Mainframe data!

Key Benefits:



Immediate:

- Decide Day-1
- Implement Day 2
- Data provided End of Day 2



Secure:

- No impact to Quality of Service for Mainframe applications
- Leverages Mainframe security
- Live data process



Flexible:

Subscription of \$5k/month per data stream

Key Features:



Non-intrusive & secure:

Uses highly available and secure SMF utilities and preserves the quality of service for the Mainframe application



No MSU consumption:

Uses an optimized capture module and Open Systems to process the data



Accessible:

Data provided in JSON format for compatibility with any Business Intelligence tool

*Source: 2017 ABA Deposit Account Fraud Survey

1 A leading European Bank implements z/Trim Data Provider to:



Reduce the business impact of Fraud by extracting wire transfer data from an application running in CICS, and providing the data to business analysts enriching their fraud detection data model.

2 Why did this bank choose z/Trim Data Provider?



z/Trim Data Provider has been chosen because:

- There is no impact on the Quality of Service, integrity, and security of the Mainframe and its applications. z/Trim Data Provider uses the SMF logging mechanism which is a central Mainframe component which is highly available and secure.
- Data can be extracted from any Mainframe application and is provided in JSON, an easy to use format for the business analysts.
- The POC was completed in a few days. The capture of the equivalent of one day of data took a few milliseconds. The data extraction took a few seconds while consuming almost no MSU.
- z/Trim Data Provider is available under a flexible subscription of \$5k/month per data stream.

3 Who was involved in the project?



- Business Analyst team: expressed the initial need and validated that the data was provided in the right format to meet their SLA.
- Mainframe team: validated that the solution was compliant with the z/OS norms and standards.
- IT Architect: validated that the solution was compliant with the global IT architecture.
- Procurement and Legal teams: validated that the pricing and legal terms enabled a fast decision.

4 Next steps:

Following the success of the POC, this bank is considering extending the scope of z/Trim Data Provider for the:

- Detection of fraudulent check payments.
- Improvement of the customer profile for marketing purposes.
- Detection of fraudulent internal file transfers.

About RSD

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Built upon 40 years of expertise and highest standards, RSD's offerings enable customers to optimize IT resources in an ever more challenging and hybrid world. Thanks to innovative solutions and a flexible license model, RSD helps companies to reduce further their existing IT operating costs. RSD has built a strong and loyal customer base of Fortune 2000 companies with millions of users worldwide. RSD offerings are available around the globe – both directly and through business partners.