



Case Study – Smart/RRSAF implementation at State Street Bank on IBM Z

An overview of the company and its strategic business goals

State Street Corporation (NYSE:STT) is one of the world's leading providers of financial services to institutional investors including investment servicing, investment management and investment research and trading. With \$33.52 trillion in assets under custody and/or administration and \$3.05 trillion in assets under management as of June 30, 2020, State Street operates globally in more than 100 geographic markets and employs approximately 39,000 worldwide. Source: from [2020 State Street 2nd Quarter 2020 Financial Results](#).

The business challenges story faced by the company and industry

State Street's Db2 and z/OS environment made use of a site developed attachment facility for Db2/z. RAI worked with the State Street to analyze their needs and assessed the legacy attachment facility that was in-place. State Street management determined a transparent, robust, and cost effective vendor supported alternative was required.

Description of the solution

Relational Architects replaced State Streets' site developed attachment facility with [Smart/RRSAF](#) which lets Db2 batch programs run with regular JCL, so they look and behave like standard OS jobs. Smart/RRSAF enables applications to update Db2/z, MQ, IMS and/or any other RRS compliant resources within a single unit of recovery. Smart/RRSAF supports dynamic checkpoint frequency and provides flexibly for trace SQL, RRSAF, CAF and IFI activity. Applications can utilize either the RRSAF or CAF attachments to Db2 – without the need for user code to explicitly manage a Db2 connection or application plan thread.

The RAI solution transparently supports both low level attachment facilities provided by Db2 for z/OS: Resource Recovery Services Attachment Facility (RRSAF) and Call Attachment Facility (CAF). The RAI team of support professionals provide 24x7 technical support and supports all releases of Db2/z and z/OS software whose IBM support status is 'current'.

For over 25 years Relational Architects has been committed to enhancing [IBM's z/OS](#) and [Db2/z](#) environments. This solution is well suited for the customer's requirements and mission critical environment. Relational Architects provides trusted solutions to some of the world's largest and most sophisticated users of z/OS and Db2 for z/OS

Conclusions

Relational Architects provided a transparent replacement for State Street's existing Db2 attachment facility, thereby alleviating State Street's support burden for the legacy attachment. Smart/RRSAF was proven to be a robust solution which is actively maintained and supported.