

The package depicted below is one of two hundred batch processing applications produced for the client. System documentation was combined with Micro Focus Revolve outputs to complete the deliverable.

Index Page



Morgan Stanley
One client at a time.

BOS - Branch Office Support System Documentation

System Description

The Wire Transfer (Boss Menu "W") application allows you to add an outgoing wire transfer request for same day processing. During the day you may modify, delete, or inquire about that day's outgoing wire transfer requests. Additionally, the application automatically creates a pre-filled Outgoing Wire Transfer Request Form for the client to sign. Using Adobe Acrobat, this form can be printed from your local printer only after all the required information is entered on the system. Once you have reviewed the Outgoing Wire Transfer Request Form and obtained the client's signature, you must provide your sign off in order for the request to be routed to the appropriate area for approval.

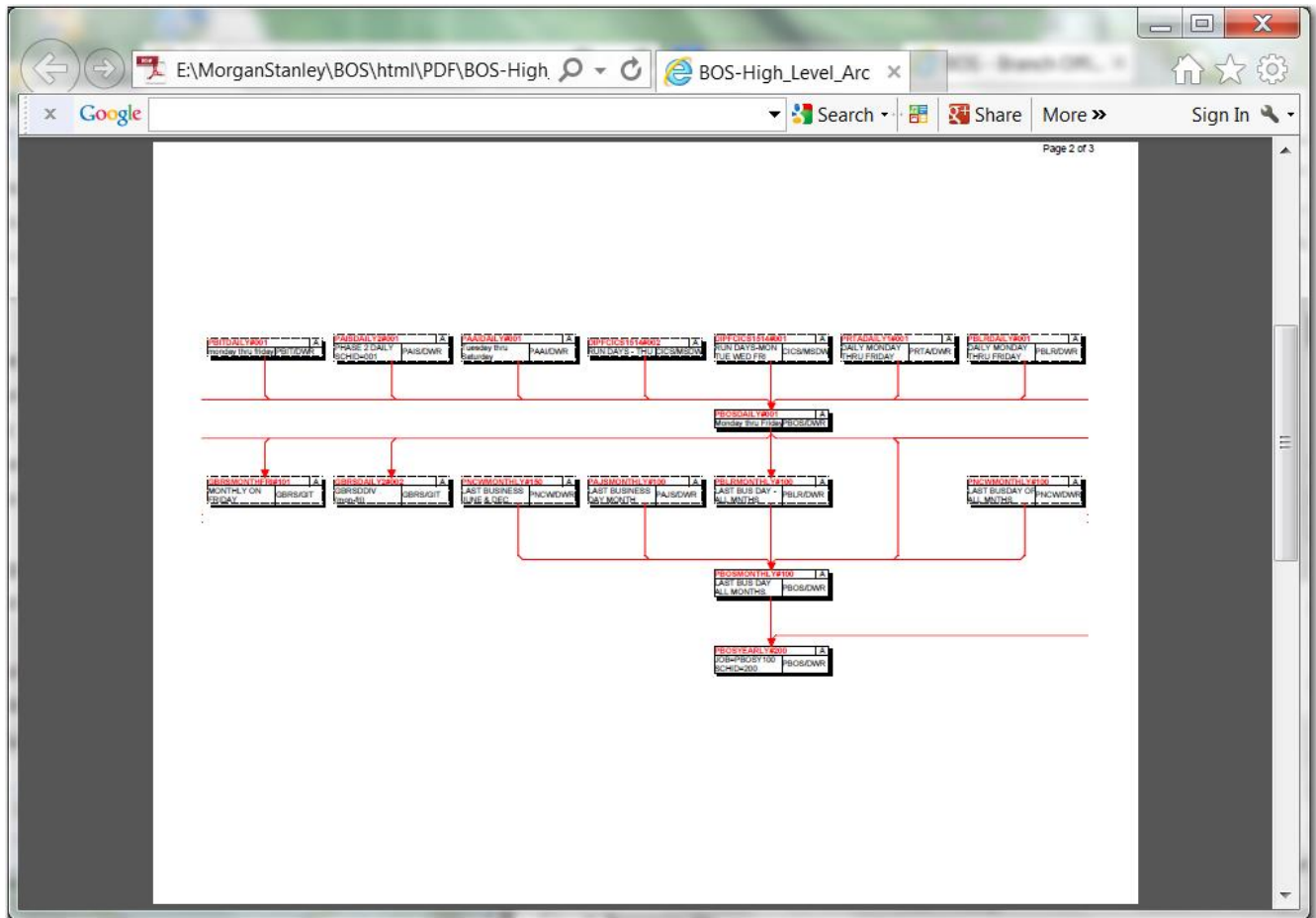
CheckWriter (Boss Menu "B" - submenu CheckWriter) provides an easy and convenient way to request checks be issued on behalf of your clients. A check's issuance may be ordered up to three years in advance.

BITS - Branch Inquiry Tracking System (Boss Menu "T"), accessible through the BOSS system, allows one to route inquiries and Trade Adjustment requests directly to various national operating departments and /or regional Operations Service Centers within the firm. Upon receipt of a Branch Inquiry, an adjusting department researches the inquiry and responds through its BI RESPONSE screen by (1) answering, (2) stat using, or (3) referring the inquiry to another department.

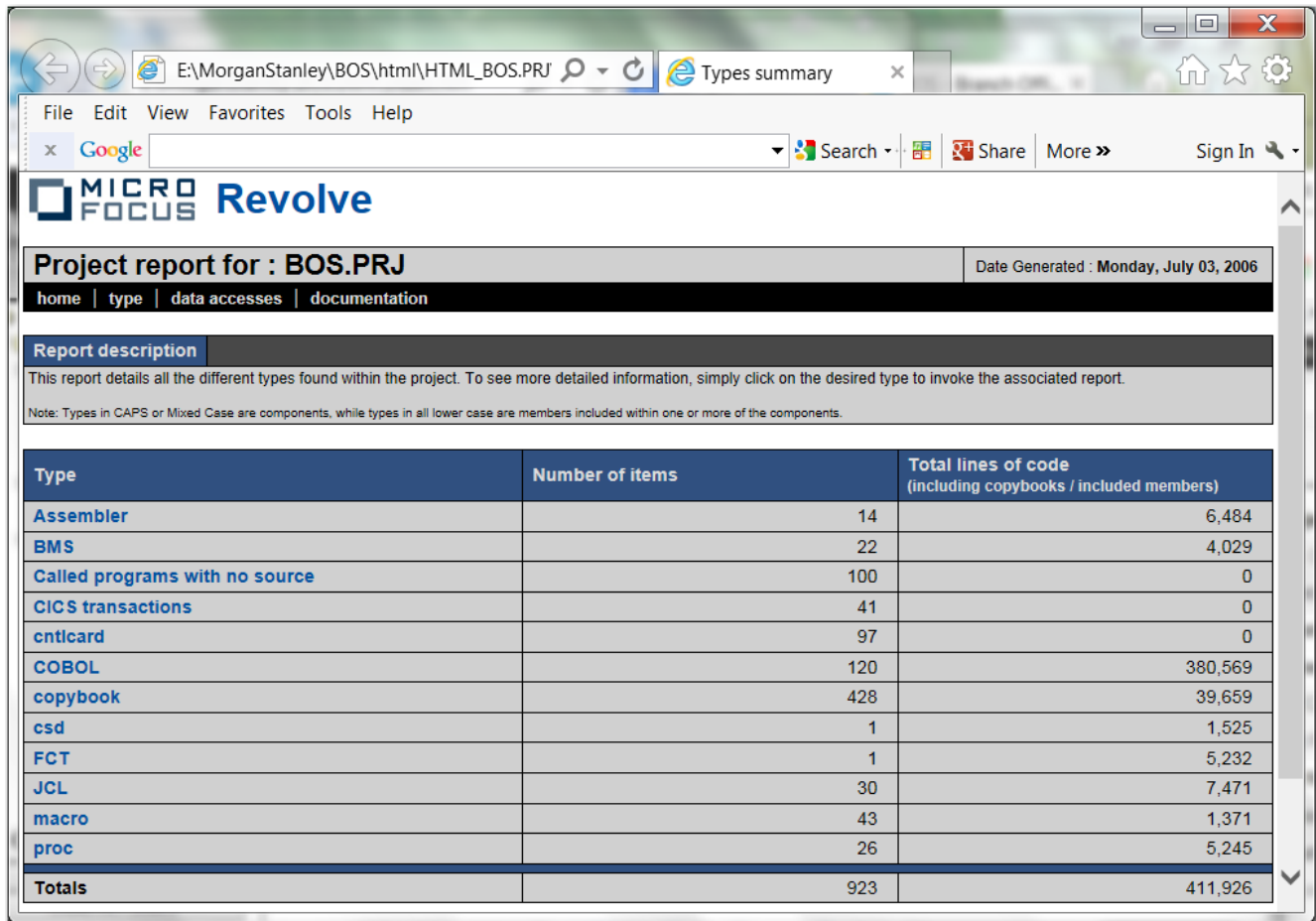
Application Architecture

The Application Architecture Diagram is a graphical view of system interaction. The predecessor/successor relationships shown are representations of data captured from the mainframe scheduler. The user can use this high level context map to trace origins of system relationships. The diagrams were

Application Architecture



Code Analysis – Module Summary



The screenshot shows a web browser window with the address bar displaying "E:\MorganStanley\BOS\html\HTML_BOS.PRJ" and the page title "Types summary". The browser's menu bar includes "File", "Edit", "View", "Favorites", "Tools", and "Help". The search bar contains "Google". The page header features the "MICRO FOCUS Revolve" logo and a navigation menu with "home", "type", "data accesses", and "documentation". The main content area is titled "Project report for : BOS.PRJ" and includes a "Date Generated : Monday, July 03, 2006". A "Report description" section explains that the report details different types found within the project. A table follows, listing various code types and their associated metrics.

Type	Number of items	Total lines of code (including copybooks / included members)
Assembler	14	6,484
BMS	22	4,029
Called programs with no source	100	0
CICS transactions	41	0
cntlcard	97	0
COBOL	120	380,569
copybook	428	39,659
csd	1	1,525
FCT	1	5,232
JCL	30	7,471
macro	43	1,371
proc	26	5,245
Totals	923	411,926

Code Analysis – Program Graphical View

The screenshot shows a web browser window with the following details:

- Address bar: E:\MorganStanley\BOS\html\HTML_BOS.PRJ
- Page title: Detail report for file...
- Menu: File Edit View Favorites Tools Help
- Search bar: Google

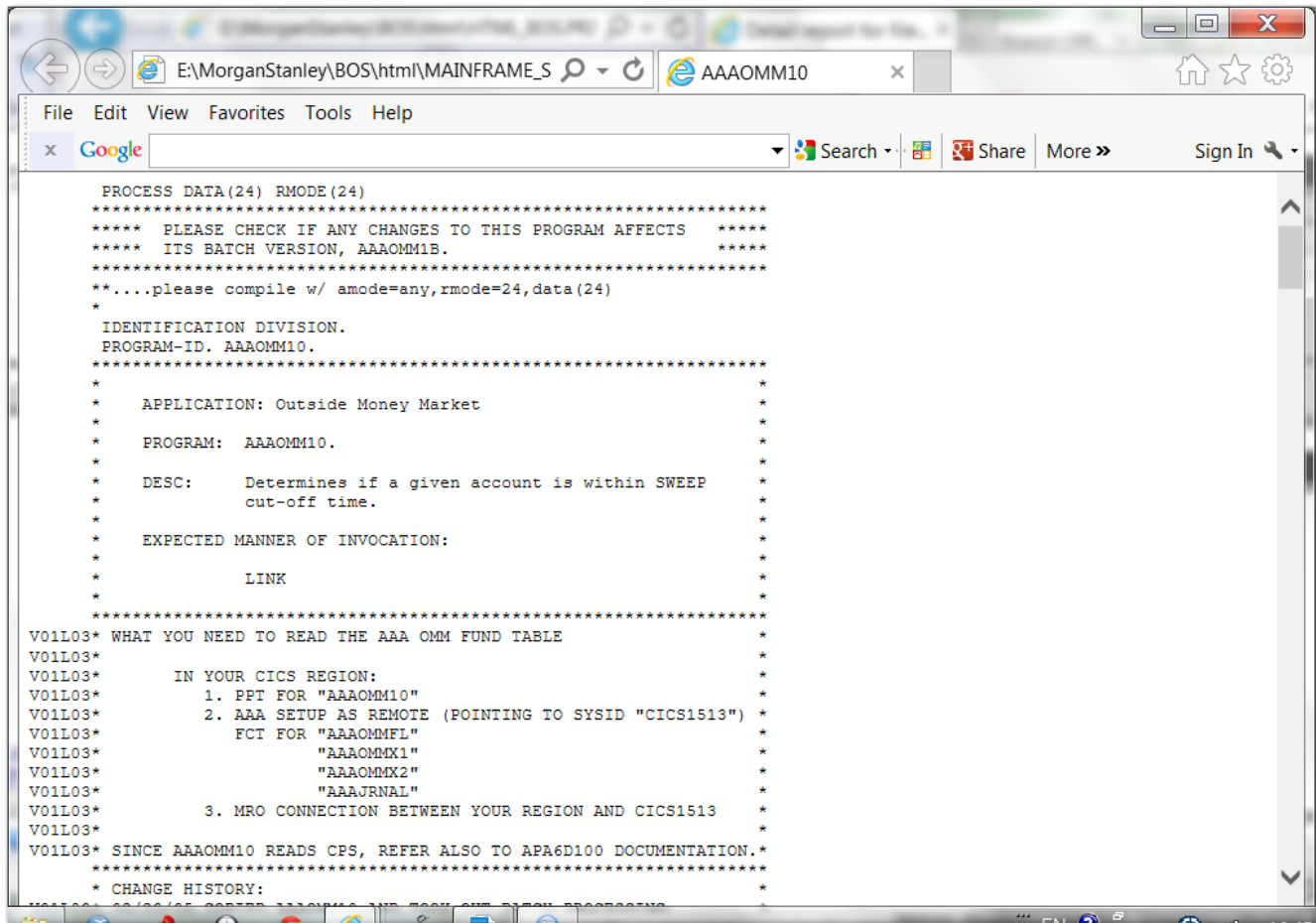
Program details

Name	AAAOMM10.CBL
Location of code	\BKPDRPAPP02\MAINFRAME_SOURCE\PCMN.SOURCE.CICSPROD\PCMN.SOURCE.CICSPROD.AAA\CBL\
View code	Click here to open the code in the system default editor
Lines of code	Main source : 373
	Copybooks / includes : 2,071
	Total : 2,444
Data accesses	Data files : 4
	Data tables : 0

Graphical view

```
graph TD; APTSO2C.CPY --> AAAOMM10; APTS09C.CPY --> AAAOMM10; APAM01C.CPY --> AAAOMM10; AAAOMMSW.CP --> AAAOMM10; AAAOMZOW.CP --> AAAOMM10; AAAOM3OW.CP --> AAAOMM10; BOSADD02 --> AAAOMM10; BOSPC000 --> AAAOMM10; BOSUPD23 --> AAAOMM10; BOSUPD03 --> AAAOMM10; BOSUPD13 --> AAAOMM10; AAAOMMX1 --> AAAOMM10; AAAJRNAL --> AAAOMM10; APAGD100 --> AAAOMM10; AAAOMFND.CP --> AAAOMM10; PAAA.VSM.PA --> AAAOMM10; AAAOMJRL.CP --> AAAOMM10;
```

Code Analysis – Source Code



The image shows a web browser window with the address bar displaying "E:\MorganStanley\BOS\html\MAINFRAME_S" and the page title "AAAOMM10". The browser interface includes a menu bar (File, Edit, View, Favorites, Tools, Help) and a search bar with a Google logo. The main content area displays the following text:

```
PROCESS DATA(24) RMODE(24)
*****
***** PLEASE CHECK IF ANY CHANGES TO THIS PROGRAM AFFECTS *****
***** ITS BATCH VERSION, AAAOMM1B. *****
*****
**...please compile w/ amode=any,rmode=24,data(24)
*
IDENTIFICATION DIVISION.
PROGRAM-ID. AAAOMM10.
*****
*
* APPLICATION: Outside Money Market
*
* PROGRAM: AAAOMM10.
*
* DESC: Determines if a given account is within SWEEP
* cut-off time.
*
* EXPECTED MANNER OF INVOCATION:
*
* LINK
*
*****
V01L03* WHAT YOU NEED TO READ THE AAA OMM FUND TABLE
V01L03*
V01L03* IN YOUR CICS REGION:
V01L03* 1. PPT FOR "AAAOMM10"
V01L03* 2. AAA SETUP AS REMOTE (POINTING TO SYSID "CICS1513")
V01L03* FCT FOR "AAAOMMFL"
V01L03* "AAAOMMX1"
V01L03* "AAAOMMX2"
V01L03* "AAAJRNAL"
V01L03* 3. MRO CONNECTION BETWEEN YOUR REGION AND CICS1513
V01L03*
V01L03* SINCE AAAOMM10 READS CPS, REFER ALSO TO APA6D100 DOCUMENTATION.*
*****
* CHANGE HISTORY:
*
```