

CA-1404674 1402695 APPIAN to Openlink Interface (PUSH)

Description: Wire requests are submitted via the APPIAN MWire workflow tool. Wire instructions and approvals are maintained in MWIRE and MWIRE validates that at least one approver has sufficient approval limits to cover the wire amount. Two authorized signers are required for all third-party wires. The requests are systemically fed to OpenLink and released by a Pool or Cash Manager.

Additional Description: MWIRE is developed on the APPIAN platform, which is a Web-based Business Process Management Software. MWIRE establishes Web Services to pull and push data from/to OpenLink. In this context, OpenLink is but a passive partner in the process. This test is focused on the PUSH from MWIRE to get data into OpenLink

Control Owner(s):

Gopinath Sreekanth - Lead Appian Development
 Vahan Kayserian - AIO Systems Design Devmt
 Timothy Kwong SVP, Finance IT - Operations Systems

Test Date: 10/24/2018

TS-A : Determine the type of the Function/Interface: a) standard b) customized c) query (with ITGC) d) ad-hoc query (without ITGC) e) other

Pg. 2

TS-B : Determine whether the Function/Interface can be BENCHMARK successfully and the IT controls are in place to ensure the Function/Interface remains accurate and complete as per BASELINE test

TS-B.01 : Determine whether the Function/Interface has been successfully BASELINED in prior year

Pg. 3

TS-B.02 : Determine whether the Function/Interface can be associated with the identified programmatic components

Pg. 3

TS-B.03 : Determine whether the associated programmatic components are subject to AIG Change Management and are version controlled

Pg. 3

TS-B.04 : Determine whether there are evidences that the associated programmatic components have not changed since the last BASELINE Test

Pg. 3

NOTES:

The Benchmarking Test can be performed on condition that a prior Baseline test has been successfully performed by IAG FCU IT SOX of the report. IAG FCU IT SOX identifies that the last BASELINE successful test for this report was performed on 11/16/2017. The W/P Ref. is "CA-1404674_1402695 OL-MWire-S01.pdf" IT SOX reviews last year's BASELINE test of the Function/Interface; confirms the Function/Interface's programmatic components; and get the evidences that the Function/Interface programmatically has not changed since last BASELINE.

No relevant exceptions noted

TS-A: Determine the type of the Function/Interface: a) standard b) customized c) query (with ITGC) d) ad-hoc query (without ITGC) e) other

.
During the BASELINE Test on 11/9/2017 (W/P Ref: "CA-1404674_1402695 OL-MWire-S01.pdf"), it was determined that the "CA-1404674 APPIAN to Openlink Interface (PUSH)" is a customized Function/Interface

TS-B: Determine whether the function/interface can be BENCHMARKED successfully and the IT controls are in place to ensure the function/interface remains accurate and complete as per BASELINE test.

.

TS-B.01: Determine whether the function/interface has been successfully BASELINED in prior year

Confirmed that the "CA-1404674 APPIAN to Openlink Interface (PUSH)" was successfully BASELINED by IT SOX on 11/16/2017 (W/P Ref: "CA-1404674_1402695 OL-MWire-S01.pdf"),

.

TS-B.02: Determine whether the function/interface can be associated with the identified programmatic components

(Pg. 5) The key "PUSH" components are identified as **MWRWorkBench.SendPayment** and **MWRWorkBench.DataServices**

.

TS-B.03: Determine whether the associated programmatic components are subject to AIG Change Management and are version controlled

IT confirmed that APPIAN applications are subject to APPIAN Version Control and TFS

.

TS-B.04: Determine whether there are evidences that the associated programmatic components have not changed since the last BASELINE Test

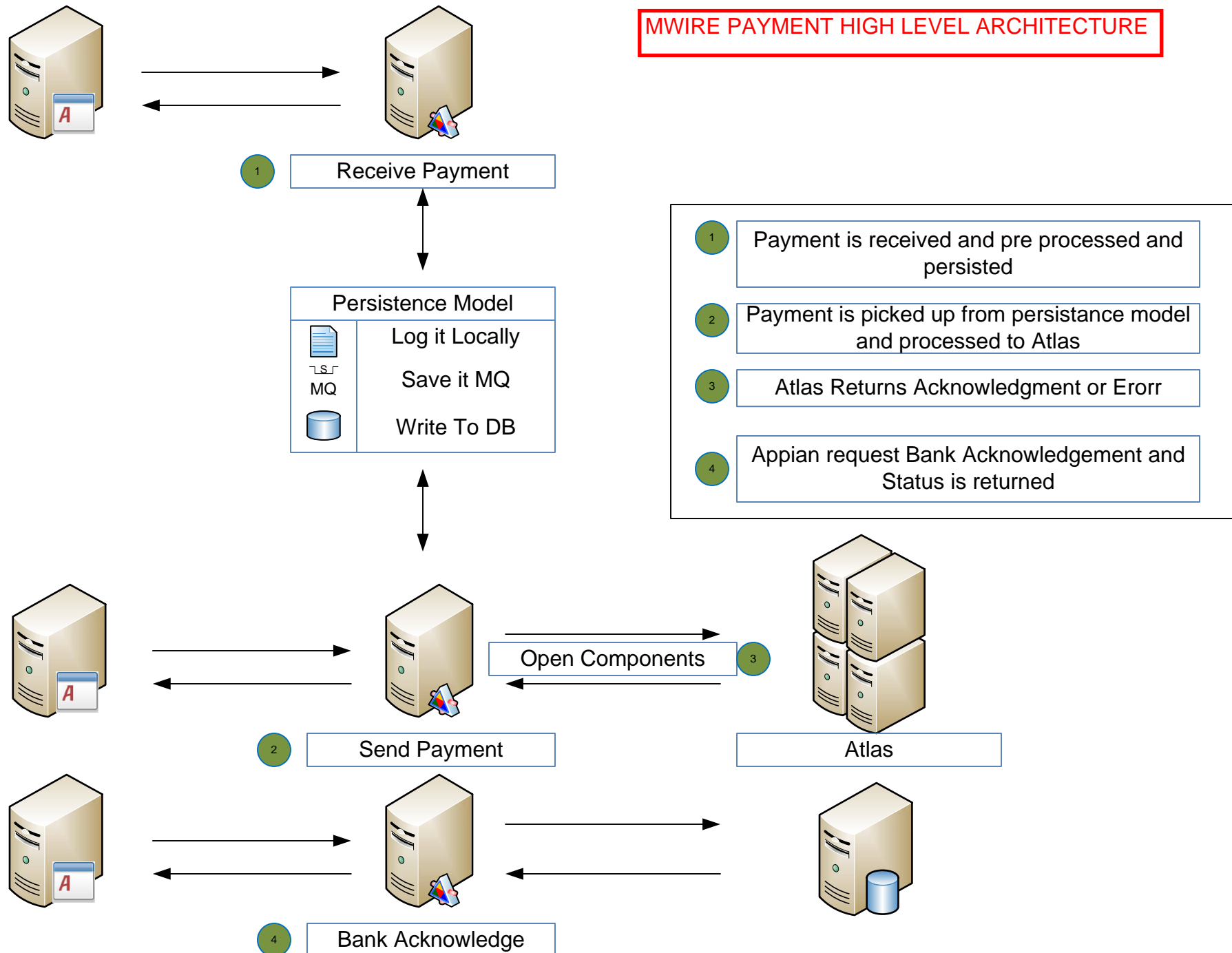
(Pg 06,07) **MWIRE_SendPayment** in "MWRWorkBench.SendPaymentWCF" directory not changed since April 2017

(Pg 08,09) **MWIRE DataServices** in "MWRWorkBench.DataServiceWCF" directory not changed since April 2017

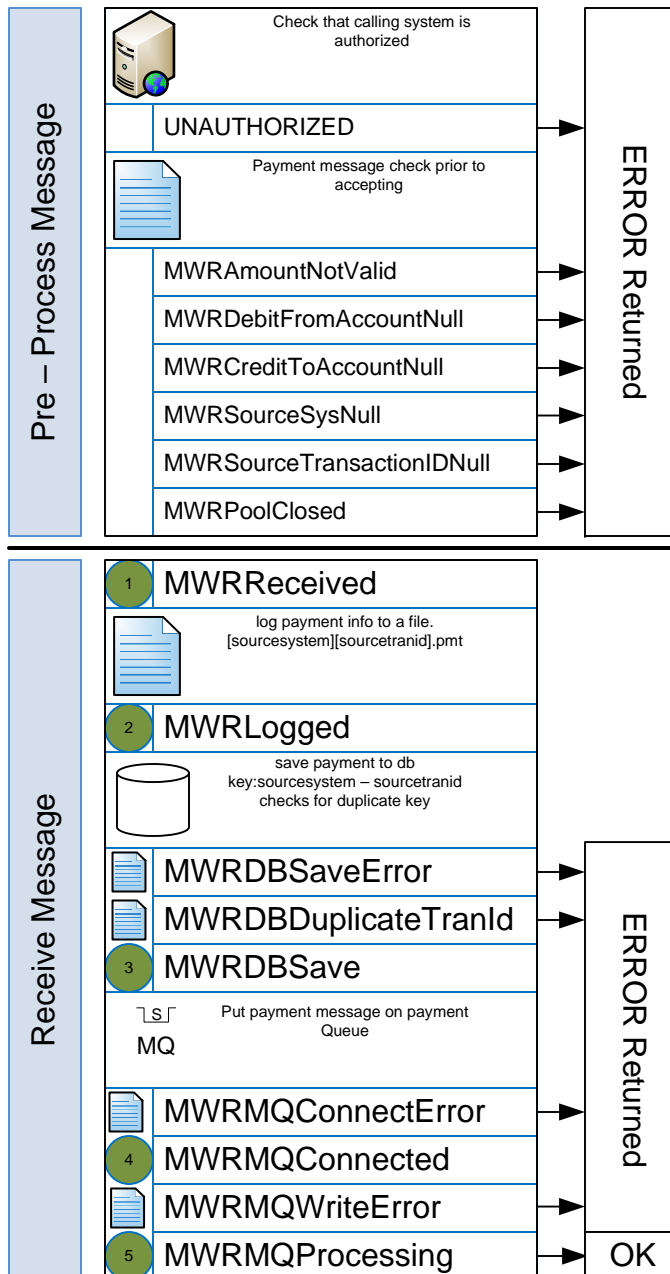
(Pg 10,11) **OL DataServices** in "OLWorkBench.DataServiceWCF" directory not changed since April 2017

.

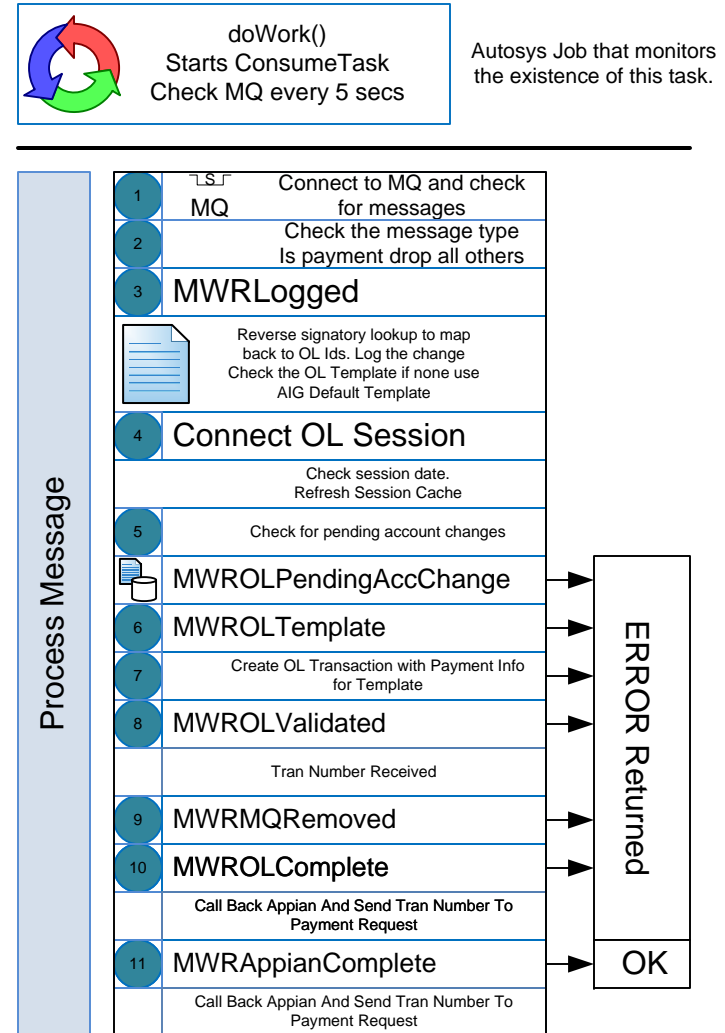
MWIRE PAYMENT HIGH LEVEL ARCHITECTURE



MWRWorkBench.ReceivePayment

PULL

MWRWorkBench.SendPayment

PUSH**TS-B.02**

MWRWorkBench.DataServiceWCF

DATA SERVICES

OL Status

Returns OL Bank Acknowledgement Status. Bank Ref [wip]

MWIRE COMPONENTS For PUSH-PULL-DATA SERVICES

AIG Business Partners	
Date Modified	Mon, Nov 17, 2014 12:01 PM
Title :	
Project :	
Page 2 of 4	mwirestp.vsd

MWIRE PAYQUE

**MWIRE PUSH to OL****MWIRE_SendPayment**
(in "MWRWorkBench.SendPaymentWCF" directory)

Name	Date modified	Type	Size
App_Data	12/6/2015 1:39 PM	File folder	
bin	7/17/2016 4:01 PM	File folder	
BuildInfo	5/23/2016 5:37 PM	XML Configuratio...	2 KB
Global	5/23/2016 5:37 PM	ASP.NET Server A...	1 KB
MWRSNDSERVICE	5/23/2016 5:37 PM	WCF Web Service	1 KB
packages	5/23/2016 5:37 PM	XML Configuratio...	1 KB
Web	6/4/2016 12:38 AM	XML Configuratio...	8 KB
Web.config.backup04062016	10/18/2014 9:27 AM	BACKUP04062016 ...	7 KB

Programmable objects not
changed since July 20168 items Offline status: Online
Offline availability: Not available

8 items

Local intranet

6:37 AM

10/29/2016

Network > wltvspappianw2 > wwwroot > MWRWorkBench.SendPaymentWCF > bin

MWIRE PUSH to OL

MWIRE_SendPayment
(in "MWRWorkBench.SendPaymentWCF" directory)

Search bin

Organize New folder

★ Favorites

- Desktop
- Downloads
- Recent Places

Libraries

- Documents
- Music
- Pictures
- Videos

yashok on PW7AM2XI

- Default (C:)
- application (\\wltpa
- yashok (\\pngssvmf
- Group01 (\\pnamfsc
- Group02 (\\pnamfsc
- Group03 (\\pnamfsc

Network

Name	Date modified	Type	Size
amqmdnet.dll	5/23/2016 5:37 PM	Application extens...	799 KB
log4net.dll	5/23/2016 5:37 PM	Application extens...	298 KB
log4net	9/12/2014 3:56 PM	XML Document	1,482 KB
MWRWorkBench.BusinessProcess.dll	4/10/2017 7:49 AM	Application extens...	128 KB
MWRWorkBench.BusinessProcess.pdb	5/23/2016 5:37 PM	VisualStudio.pdb...	274 KB
MWRWorkBench.SendPaymentWCF.dll	5/23/2016 5:37 PM	Application extens...	9 KB
Olf.Openrisk.Net.dll	5/23/2016 5:37 PM	Application extens...	15,832 KB
Olf.Openrisk.Net.Enums.dll	5/23/2016 5:37 PM	Application extens...	719 KB
Olf.Openrisk.Net	10/26/2015 1:56 PM	XML Document	3,486 KB
Oracle.DataAccess.dll	5/23/2016 5:37 PM	Application extens...	992 KB

Programmable objects (incl. libraries, executables) not changed since April 2017

10 items Offline status: Online Offline availability: Not available

10 items Local intranet

7

6:37 AM 10/29/2018

Network > wltvspappianw2 > wwwroot > MWRWorkBench.DataServiceWCF >

MWIRE Data Services

"MWRWorkBench.DataServiceWCF" directory

Name	Date modified	Type	Size
App_Code	7/17/2016 3:59 PM	File folder	
App_Data	2/24/2015 8:30 PM	File folder	
bin	7/17/2016 3:59 PM	File folder	
BuildInfo	5/23/2016 5:37 PM	XML Configuratio...	2 KB
MWRService	5/23/2016 5:37 PM	WCF Web Service	1 KB
packages	5/23/2016 5:37 PM	XML Configuratio...	1 KB
web	4/20/2017 6:50 PM	XML Configuratio...	8 KB

Programmable objects not changed since July 2016

7 items Offline status: Online Offline availability: Not available

7 items Local intranet

6:39 AM 10/25/2018

Network > wltvspappianw2 > wwwroot > MWRWorkBench.DataServiceWCF > bin

MWIRE Data Services

"MWRWorkBench.DataServiceWCF" directory

Name	Date modified	Type	Size
amqmdnet.dll	5/23/2016 5:37 PM	Application extens...	799 KB
log4net.dll	5/23/2016 5:37 PM	Application extens...	298 KB
log4net	9/12/2014 3:56 PM	XML Document	1,482 KB
MWRWorkBench.BusinessProcess.dll	4/10/2017 7:49 AM	Application extens...	128 KB
MWRWorkBench.BusinessProcess.dll	5/31/2016 12:19 PM	XML Configuratio...	1 KB
MWRWorkBench.BusinessProcess.pdb	5/23/2016 5:37 PM	VisualStudio.pdb....	274 KB
MWRWorkBench.DataServiceWCF.dll	5/23/2016 5:37 PM	Application extens...	6 KB
MWRWorkBench.DataServiceWCF.pdb	5/23/2016 5:37 PM	VisualStudio.pdb....	14 KB
Olf.Openrisk.Net.dll	5/23/2016 5:37 PM	Application extens...	15,832 KB
Olf.Openrisk.Net.Enums.dll	5/23/2016 5:37 PM	Application extens...	719 KB
Olf.Openrisk.Net	9/2/2014 6:30 PM	XML Document	3,127 KB
Oracle.DataAccess.dll	5/23/2016 5:37 PM	Application extens...	992 KB

Programmable objects (incl. libraries, executables) not changed since April 2017

12 items Offline status: Online Offline availability: Not available

Network > wltvspappianw2 > wwwroot > OLWorkBench.DataServiceWCF >

OL Data Services within MWIRE

"OLWorkBench.DataServiceWCF" directory

Name	Date modified	Type	Size
App_Data	8/18/2017 6:16 PM	File folder	
bin	8/18/2017 6:16 PM	File folder	
BuildInfo	10/6/2016 8:42 AM	XML Configuratio...	2 KB
OLService	8/18/2017 6:16 PM	WCF Web Service	1 KB
packages	10/6/2016 8:41 AM	XML Configuratio...	1 KB
Web	8/18/2017 6:16 PM	XML Configuratio...	9 KB
Web.Config.old	8/18/2017 6:16 PM	OLD File	9 KB
Web.Config.xdt	8/18/2017 6:16 PM	XDT File	1 KB
Web.Config.xdt.old	8/18/2017 6:16 PM	OLD File	1 KB
Web.Config	8/18/2017 6:16 PM	XML Document	1 KB

Programmatic objects not changed since August 2017

10 items Offline status: Online Offline availability: Not available

10 items Local intranet

6:41 AM 10/25/2018

Network > wltvspappianw2 > wwwroot > OLWorkBench.DataServiceWCF > bin

OL Data Services within MWIRE

"OLWorkBench.DataServiceWCF" directory

Name	Date modified	Type	Size
log4net.dll	8/18/2017 6:16 PM	Application extens...	298 KB
log4net	8/18/2017 6:16 PM	XML Document	1,498 KB
OLWorkBench.DataServiceWCF.dll	8/18/2017 6:16 PM	Application extens...	18 KB
OLWorkBench.DataServiceWCF.dll	8/18/2017 6:16 PM	XML Configuratio...	9 KB
OLWorkBench.DataServiceWCF.pdb	8/18/2017 6:16 PM	VisualStudio.pdb...	32 KB
Oracle.DataAccess.dll	8/18/2017 6:16 PM	Application extens...	1,076 KB
TMSWorkBench.BusinessProcess.dll	8/18/2017 6:16 PM	Application extens...	208 KB
TMSWorkBench.BusinessProcess.pdb	8/18/2017 6:16 PM	VisualStudio.pdb...	484 KB

Programmable objects (incl. libraries, executables) not changed since August 2017

8 items Offline status: Online Offline availability: Not available

8 items Local intranet

11

10/25/2018 6:41 AM