*Note: Do not change this page. Instead go to File -> Properties -> adjust the concerning values. The same applies for the headers and footers.*

**Solution Detailed Design**

**Internal Use Only**

**IJA\_TiBeT2\_AuditLog**

|  |  |
| --- | --- |
| **Document name** | SDD\_IJA\_TiBeT2\_AuditLog.docx |
| **Written By** | Leeuwenburgh, P. (Peter) |
| **Owner** | DINN X86 Migration |
| **Last Updated** | 21 March 2013 |
| **Version** | 0.1.0 |
| **Status** | Draft |
| **Template Version** | 2.1.0 |

**Content**

[1. Document information 3](#_Toc351649473)

[1.1 Version History 3](#_Toc351649474)

[1.2 Audience 3](#_Toc351649475)

[1.3 Related documents 3](#_Toc351649476)

[1.4 Reviewers 3](#_Toc351649477)

[1.5 Document Purpose and Scope 3](#_Toc351649478)

[2 Solution Specification 4](#_Toc351649479)

[2.1 General Solution Information 4](#_Toc351649480)

[2.2 Detailed Specification 4](#_Toc351649481)

[3 Data Mappings 5](#_Toc351649482)

[3.1 AUDITLOG 5](#_Toc351649483)

[4 External Resources Specifications 6](#_Toc351649484)

[4.1 Trigger 6](#_Toc351649485)

[4.2 Database 6](#_Toc351649486)

# Document information

This document is protected by intellectual property rights and is the exclusive property of Nationale Nederlanden. The content it contains is protected under intellectual property law and remains property of Nationale Nederlanden.

## Version History

| **Version** | **Date** | **Author** | **Changes** |
| --- | --- | --- | --- |
| 0.1.0 | 21-3-2013 | P. Leeuwenburgh | Initial version |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Audience

| **Function/department/area** | **Name** |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

## Related documents

| **ID** | **Version** | **Title** |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Reviewers

| **Function/department/area** | **Name** | **Version** |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Document Purpose and Scope

This document describes the functional specifications of a process derived from business requirements. This document is expected to be reviewed by the functional analyst for the correctness of business functionality. Hence it is recommended to minimize the technical details of this document.

# Solution Specification

## General Solution Information

|  |  |
| --- | --- |
| **Application ID** | IJA\_TiBeT2 |
| **Adapter** | AuditLog |
| **Short Description** | This service operation stores auditlog data in a database |
| **Communication Pattern** | Fire&Forget |
| **Trigger** | Tibco queue |

## Detailed Specification

### Execution Flow

#### Success Flow

1. Insert a record in the database table AUDITLOG on basis of the received request (§3.1)

#### Alternate Flow

<See SSG Exception Handling Standards>

### Trigger Specification

<See §4.1>

### Message Specification

#### Message Structure Request

|  |  |
| --- | --- |
| **XSD Reference** | <Infrastructure\_Log\_BusinessLog\_2\_AuditLog\_1.xsd> [2012-12-20] |

# Data Mappings

## AUDITLOG

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Destination** | | | | **Source** | | | | | |
| **Element** | **Level** | **M/O** | **Type** | **Path** | **Element** | **M/O** | **Type** | **Condition** | **Transformation** |
| LOGID |  |  | N10 |  |  |  |  |  | SEQ\_LOG.NEXTVAL |
| MESSAGEID |  |  | AN255 | AuditLog\_Action/Header | MessageId |  |  |  | If empty use “?” |
| CONVERSATIONID |  |  | AN255 |  | ConversationId |  |  |  |  |
| CPAID |  |  | AN255 |  | CPAId |  |  |  |  |
| BUSINESSDOMAIN |  |  | AN30 |  | BusinessDomain |  |  |  |  |
| SERVICENAME |  |  | AN255 |  | ServiceName |  |  |  |  |
| SERVICECONTEXT |  |  | AN255 |  | ServiceContext |  |  |  |  |
| SERVICECONTEXTVERSION |  |  | N3 |  | ServiceContextVersion |  |  |  |  |
| OPERATIONNAME |  |  | AN255 |  | OperationName |  |  |  |  |
| OPERATIONVERSION |  |  | N3 |  | OperationVersion |  |  |  |  |
| APPLICATIONNAME |  |  | AN255 |  | ApplicationName |  |  |  |  |
| APPLICATIONFUNCTION |  |  | AN255 |  | ApplicationFunction |  |  |  |  |
| LOG\_TIMESTAMP |  |  | Date |  | Timestamp |  |  |  |  |
| SENDERID |  |  | AN255 |  | SenderId |  |  |  |  |
| CRE\_TIMESTAMP |  |  | Date |  |  |  |  |  | Current timestamp |
| MESSAGE |  |  | BLOB | AuditLog\_Action/Message | Text |  |  |  |  |
| TYPE |  |  | AN30 |  | Type |  |  |  |  |
| FUNCT\_CALLID |  |  | AN255 |  | FunctionCallId |  |  |  |  |
| LABEL |  |  | AN255 | AuditLog\_Action/FunctionalError | Label |  |  |  |  |
| FUNCT\_ERROR\_CODE |  |  | AN30 |  | Code |  |  |  |  |
| FUNCT\_ERROR\_REASON |  |  | AN255 |  | Reason |  |  |  |  |
| FUNCT\_ERROR\_TEXT |  |  | AN4000 |  | Text |  |  |  |  |

# External Resources Specifications

## Trigger

**Tibco queue:**

|  |  |
| --- | --- |
| Queue name (request) | ESB.Infrastructure.US.Log.BusinessLog.2.AuditLog.1.Action |
| Queue name (response) | n/a |
| Queue Connection Factory name | qcf\_tibco\_esb\_ff |

## Database

**Database (Oracle):**

|  |  |
| --- | --- |
| System ID | OHIUFO04 |
| Server | rn0903n.itc.intranet |
| Port | 1521 |
| Username/Password | TIBCOLOG2\_USER/TIBCOLOG2\_USER |