



JOB AID: CSD UAT API Services

Central Supplier Database

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Table of Content


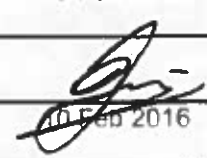
1. APPROVAL	3
2. INTRODUCTION.....	4
3. PURPOSE	4
4. AUDIENCE	4
5. REAL TIME SERVICES.....	5
5.1. OVERVIEW.....	5
5.2. SERVICES	5
6. BULK DATA SERVICES	6
6.1. OVERVIEW.....	6
6.2. SERVICES	6
7. OPEN ITEMS	7
8. OUTSTANDING ISSUES.....	7
9. DECISION LOG	7
10. REVISION HISTORY.....	7
11. REFERENCES.....	7
12. ABBREVIATIONS.....	7
13. APPENDIX A: REAL TIME SERVICES	8
14. APPENDIX B: BULK DATA SERVICES.....	13
15. APPENDIX C: BULK DATA FIELDS	14



1. APPROVAL

Project	Central Supplier Database		
Document Title	Job Aid: UAT API Services		
Status	Published	Document Revision	1.1

The signatories hereof, being duly authorised thereto, by their signatures hereto authorise the execution of the work detailed herein, or confirm their acceptance of the contents hereof and authorise the implementation/adoption thereof, as the case may be, for and on behalf of the parties represented by them.

Designation	Name	Signature / Date
Director: Central Supplier Database Office of the Chief Procurement Officer	Tumelo Ntlaba	 10 Feb 2016
Central Supplier Database Architect Accenture	CSD Team	 10 Feb 2016



2. INTRODUCTION

The Central Supplier Database (CSD) system serves as a central master of supplier information for Organs of State (OoS):

- National departments;
- Provincial departments;
- Local government; and
- State Owned Entities (SOE's).

In order for OoS to make use of the supplier information, it is made available using three mechanisms:

1. Online functionality whereby users can search for suppliers;
2. Real time (RESTfull) services whereby systems can consume supplier information; and
3. Bulk data (XML format) whereby systems can consume large volumes of supplier information.

The Real Time and Bulk Data services is available on the CSD User Acceptance Testing (UAT) environment as described in the CSD Integration Testing Job Aid (reference 4).

The remainder of this document describes the Real Time services as well as the Bulk Data services available on the UAT environment.

3. PURPOSE

The purpose of this document is to describe the Real Time services as well as the Bulk Data services available on UAT environment.

4. AUDIENCE

The audience of this document includes the teams responsible for preparing organ of state systems to consume CSD supplier information in bulk.



5. REAL TIME SERVICES

5.1. OVERVIEW

Real Time services refer to RESTfull services that provide supplier specific information as described in reference 3.

5.2. SERVICES

The following services are available:

- Authentication service;
 - Verifies the credentials of the consumer and establishes a session.
- Full supplier record with the following subsets;
 - Identification;
 - Contacts;
 - Addresses;
 - Bank accounts;
 - Tax;
 - Directors / Members;
 - Associations;
 - Commodities and locations;
 - Accreditations; and
 - BBBEE.
- Supplier statuses; and
- Service per subset.

Detailed information of each service is covered in section 13 below.



6. BULK DATA SERVICES

6.1. OVERVIEW

Bulk Data services refer to RESTfull services that provide bulk files as described in reference 2.

6.2. SERVICES

The following services are available:

- Authentication service;
 - Verifies the credentials of the consumer and establishes a session.
- Get a list of available files; and
- Get a bulk file.

Detailed information of each service is covered in section 14 below.

**7. OPEN ITEMS**

No open items are noted.

8. OUTSTANDING ISSUES

No outstanding issues noted.

9. DECISION LOG

No decision are noted.

10. REVISION HISTORY

Version	Revision Description	Date	By
0.1	Created	25/01/2016	CSD Team
1.0	Published	05/02/2016	CSD Team
1.1	Updated Associations Added bank account changed field Added tax changed field Added tax registered field Added government employee and tender defaulter fields to Identification and Directors subset	10/02/2016	CSD Team

11. REFERENCES

No	Name	Version	Date
1.	CSD Job Aid: On-boarding http://ocpo.treasury.gov.za/Buyers_Area/Pages/Supplier-Management.aspx	N/A	N/A
2.	CSD Job Aid: Bulk Data http://ocpo.treasury.gov.za/Buyers_Area/Pages/Supplier-Management.aspx	N/A	N/A
3.	CSD Job Aid: Real Time Services http://ocpo.treasury.gov.za/Buyers_Area/Pages/Supplier-Management.aspx	N/A	N/A
4.	CSD Job Aid: Integration Testing http://ocpo.treasury.gov.za/Buyers_Area/Pages/Supplier-Management.aspx	N/A	N/A
5.	CSD Job Aid: Bulk File Download Utility http://ocpo.treasury.gov.za/Buyers_Area/Pages/Supplier-Management.aspx	N/A	N/A

12. ABBREVIATIONS

Abbreviation	Description
API	Application Programming Interface
CSD	Central Supplier Database
OoS	Organ of State
SOE	State Owned Entity
UAT	User Acceptance Testing



13. APPENDIX A: REAL TIME SERVICES

The following table details information of each service:

Service Name	Property	Date
		08/02/2016
Authentication service		
Authenticate		
	Token	✓
	TokenCreatedDateTime	✓
	TokenExpireDateTime	✓
	LockoutEnabled	✓
	IsSuspended	✓
	IsAccountActive	✓
	IsAccountVerified	✓
	IsPasswordExpired	✓
	SuspendedUntil	✓
	IsTermsAndConditionsAccepted	✓
Full supplier record		
GetSupplierDetailsFull	Refer to the individual subsets as this method returns a combination of all the subsets	
Supplier statuses		
GetSupplierDetailsStatuses	Refer to the individual subsets as statuses are available in context of each subset.	
	A service that contains only key statuses to be made available at a future date.	
Supplier subset		
GetSupplierDetailSi		
	Supplier Number	✓
	Is Supplier Active	✓
	Supplier Inactive Reason	✓
	Supplier Inactive Date	✓
	Allow Associates	✓
	Supplier Type	✓
	Supplier Sub-Type	✓
	Government Breakdown	✓
	Industry Classification	✓
	Country Of Origin	✓
	Business Status	✓
	Business Status Last Verification Date	Future
	Legal Name	✓
	Trading Name	✓
	Identification Type	✓
	SA ID Number	✓
	Foreign ID Number	✓
	Foreign Passport Number	✓
	Work Permit Number	✓
	SA Company Number(Business Registration Number with CIPC)	✓
	Company Registration Date	✓
	Foreign Company Registration Number	✓
	SA Trust Registration Number	✓



Date Operation Started	Future
Create Date Time	✓
Edit Date Time	✓
Is Government Employee	Future
Government Employee Last Verification Date	Future
Government Employee Department	Future
Is Deceased	Future
Deceased Last Verification Date	Future
Is Tender Defaulter Restricted Supplier	Future
Tender Defaulter Restricted Supplier Last Verification Date	Future
GetSupplierDetailsContact	
Contact Type	✓
Is Preferred Contact	✓
Name	✓
Surname	✓
Identification Type	✓
SA ID Number	✓
Foreign ID Number	✓
Foreign Passport Number	✓
Work Permit Number	✓
Preferred Communication via cell	✓
Preferred Communication via email	✓
Preferred Communication via fax	✓
Preferred Communication via postal	✓
Preferred Communication via sms	✓
Preferred Communication via telephone	✓
Email Address	✓
Cellphone Number	✓
Fax Number	✓
Telephone Number	✓
CSD User	✓
Is Active	✓
Edit Date Time	✓
GetSupplierDetailsAddress	
Is Preferred Address	✓
Address Type	✓
Address Line1	✓
Address Line2	✓
Country	✓
Province	✓
District	✓
Municipality	✓
City	✓
Suburb	✓
Ward	✓
Postal Code	✓
Is Postal Address	✓
Is Delivery Address	✓
Is Physical Address	✓



Is Payment Address	✓
Edit Date Time	✓
GetSupplierDetailsBanking	
Account Holder	✓
Bank Account Type	✓
Bank Name	✓
Branch Name	✓
Branch Number	✓
Account Number	✓
Bank Account Verification Status	Future
Bank Account Verification Response	Future
Bank Account Verification Last Verification Date	Future
GetSupplierDetailsTax	
Is Registered	✓
Income Tax Number	✓
PAYE Number	✓
VAT Number	✓
Tax Clearance Certificate Expiry Date	✓
Last Verification Date	✓
Is Valid Certificate	✓
Validation Response	✓
Edit Date Time	✓
GetSupplierDetailsDirectors	
Name	✓
Surname	✓
Identification Type	✓
SA ID Number	✓
Foreign ID Number	✓
Foreign Passport Number	✓
Work Permit Number	✓
Director Type	✓
Director Status	✓
Appointment Date	✓
Edit Date Time	✓
Country	✓
Is Deceased	Future
Deceased Last Verification Date	Future
Is Government Employee	Future
Government Employee Last Verification Date	Future
Government Employee Department Code	Future
Government Employee Department	Future
Is Tender Defaulter Restricted Supplier	Future
Tender Defaulter Restricted Supplier Last Verification Date	Future
GetSupplierDetailsAssociation	
Supplier Number Requestor	✓
Supplier Number Requested	✓
Association Type	✓
Association Status	✓
Edit Date Time	✓



GetSupplierDetailsCommodities		
Group Name		✓
Group Description		✓
Active		✓
Edit Date Time		✓
Nationwide		✓
Province wide		✓
Segment		✓
Family		✓
Class		✓
Commodity		✓
Province		✓
District		✓
Municipality		✓
City		✓
Suburb		✓
Ward		✓
GetSupplierDetailsAccreditation		
AccreditationBodyName		✓
AccreditationBodyCode		✓
AccreditationBodyParentName		✓
AccreditationBodyParentCode		✓
AccreditationNumber		✓
RegistrationDate		✓
ExpiryDate		✓
Description		✓
IsVerified		✓
StatusName		✓
StatusCode		✓
IsActive		✓
EditDate		✓
GetSupplierDetailsBBBEE		
Certificate Type		Future
Sector Charter		Future
BBBEE Verification Regulator		Future
Certificate Number		Future
Certificate Issue Date		Future
Certificate Issue Expiry Date		Future
Commissioner Accounting Name		Future
Certificate Sign Date		Future
Verification Agency Code		Future
Verification Agency Name		Future
Verification Agency Practice Number		Future
Verification Agency Status		Future
BBBEE Status Level Of Contributor		Future
Black Ownership		Future
Black Woman Ownership		Future
Is Accept Understand Affidavit		Future
Details Edit Date		Future
Details Created Date		Future
Is Startup Enterprise		Future
Annual Turnover		Future
Financial Year Start Date		Future



Financial Year End Date	Future
Gross Asset Value	Future
Is EME Measured Against QSE Scorecard	Future
Total Years in Business	Future
Is Past Contract Organ State Terminated	Future
Past Contract Organ State Terminated Description	Future
Is Past Business Exist Different Name	Future
Past Business Supplier Type	Future
Past Business Supplier Subtype	Future
Past Business Government Breakdown	Future
Past Business Industry Classification	Future
Past Business Country Of Origin	Future
Past Business Status	Future
Past Business Legal Name	Future
Past Business SA ID Number	Future
Past Business Foreign ID Number	Future
Past Business Foreign Passport Number	Future
Past Business Work Permit Number	Future
Past Business SA Company Number (Business Registration Number with CIPC)	Future
Past Business Foreign Company Registration Number	Future
Past Business SA Trust Registration Number	Future
Past Business Foreign Trust Registration Number	Future
Is NPBT More Than 25 Perc Annual Turnover	Future
Is 25 Perc Sales From Local Supplier	Future
Is 50 Perc Jobs Created Black	Future
Is 25 Perc Raw Material Transformation	Future
Is 12 Days Annum Assisting Beneficiaries	Future
Is 85 Perc Labour Cost SA Emp	Future
SBD Details Edit Date	Future
SBD Details Created Date	Future
Sector Elements	Future
Score	Future
Bonus Score	Future
Total Score	Future
Edit Date	Future
Created Date	Future
Race	Future
Demographic Breakdown	Future
Is Owners	Future
Is Employees	Future
Value	Future
Edit Date	Future
Created Date	Future



14. APPENDIX B: BULK DATA SERVICES

The following table details information of each service:

Service Name	Property	Date
		08/02/2016
Authentication service		
Authenticate		
	Token	✓
	TokenCreatedDateTime	✓
	TokenExpireDateTime	✓
	LockoutEnabled	✓
	IsSuspended	✓
	IsAccountActive	✓
	IsAccountVerified	✓
	IsPasswordExpired	✓
	SuspendedUntil	✓
	IsTermsAndConditionsAccepted	✓
Get file list		
GetBulkFileList		
	FileName	✓
	Date	✓
	FileNumber	✓
	FilePeriod	✓
Get file		
GetBulkFile		
	This method does not return a property but a file stream.	✓

NOTE: A bulk file download utility is available and described in reference 5.



15. APPENDIX C: BULK DATA FIELDS

The following table details the fields available in the bulk file:

Subset	Field	Date
SupplierIdentification		08/02/2016 10/02/2016
	Supplier Number	✓
	Unique Registration Reference Number	✓
	Is Supplier Active	✓
	Supplier Inactive Reason	✓
	Supplier Inactive Date	✓
	Allow Associates	✓
	Supplier Type	✓
	Supplier Sub-Type	✓
	Government Breakdown	✓
	Industry Classification	✓
	Country Of Origin	✓
	Legal Name	✓
	Trading Name	✓
	Identification Type	✓
	SA ID Number	✓
	Foreign ID Number	✓
	Foreign Passport Number	✓
	Work Permit Number	✓
	SA Company Number(Business Registration Number with CIPC)	✓
	Company Registration Date	✓
	Foreign Company Registration Number	✓
	SA Trust Registration Number	✓
	Date Operation Started	Future
	Create Date Time	✓
	Edit Date Time	✓
	Is Government Employee	Future
	Government Employee Last	Future
	Verification Date	Future
	Government Employee Department	Future
	Is Tender Defaulter Restricted Supplier	Future
	Tender Defaulter Restricted Supplier Last Verification Date	Future
Contacts		
	Contact Type	✓
	Is Preferred Contact	✓
	Name	✓
	Surname	✓
	Identification Type	✓
	SA ID Number	✓
	Foreign ID Number	✓
	Foreign Passport Number	✓
	Work Permit Number	✓
	Preferred Communication via cell	✓
	Preferred Communication via email	✓
	Preferred Communication via fax	✓



JOB AID: CSD UAT API SERVICES

Preferred Communication via postal	✓
Preferred Communication via sms	✓
Preferred Communication via telephone	✓
Email Address	✓
Cellphone Number	✓
Fax Number	✓
Telephone Number	✓
CSD User	✓
Is Active	✓
Edit Date Time	✓
Addresses	
Is Preferred Address	✓
Address Type	✓
Address Line1	✓
Address Line2	✓
Country	✓
Province	✓
District	✓
Municipality	✓
City	✓
Suburb	✓
Ward	✓
Postal Code	✓
Is Postal Address	✓
Is Delivery Address	✓
Is Physical Address	✓
Is Payment Address	✓
Edit Date Time	✓
BankAccounts	
BankAccountChange	✓
Directors	
Name	✓
Surname	✓
Identification Type	✓
Appointment Date	✓
Is Active	✓
Country	✓
SA ID Number	✓
Foreign ID Number	✓
Foreign Passport Number	✓
Work Permit Number	✓
Director Type	✓
Director Status	✓
Edit Date Time	✓
Is Government Employee	Future
Government Employee Last	Future
Verification Date	Future
Government Employee Department	Future
Is Tender Defaulter Restricted Supplier	Future
Tender Defaulter Restricted Supplier Last Verification Date	Future
Associations	



Supplier Number Requestor	Future
Supplier Number Requested	Future
Association Type	Future
Association Status	Future
Edit Date Time	Future
CommodityGroups	
Group Name	✓
Group Description	✓
Active	✓
Edit Date Time	✓
Nationwide	✓
Province wide	✓
Segment	✓
Family	✓
Class	✓
Commodity	✓
Province	✓
District	✓
Municipality	✓
City	✓
Suburb	✓
Ward	✓
Accreditations	
AccreditationBodyName	✓
AccreditationBodyCode	✓
AccreditationBodyParentName	✓
AccreditationBodyParentCode	✓
AccreditationNumber	✓
RegistrationDate	✓
ExpiryDate	✓
Description	✓
IsVerified	✓
StatusName	✓
StatusCode	✓
IsActive	✓
EditDate	✓
Tax	
IsRegistered	✓
TaxChange	✓
BBBEE	
Certificate Type	Future
Sector Charter	Future
BBBEE Verification Regulator	Future
Certificate Number	Future
Certificate Issue Date	Future
Certificate Issue Expiry Date	Future
Commissioner Accounting Name	Future
Certificate Sign Date	Future
Verification Agency Code	Future
Verification Agency Name	Future
Verification Agency Practice Number	Future
Verification Agency Status	Future
Black Ownership	Future
Black Woman Ownership	Future



Is Accept Understand Affidavit	Future
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Details Created Date	Future
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Past Business Industry Classification	Future
Past Business Country Of Origin	Future
Past Business Status	Future
Past Business Legal Name	Future
Past Business SA ID Number	Future
Past Business Foreign ID Number	Future
Past Business Foreign Passport Number	Future
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SBD Details Created Date	Future
Sector Elements	Future
Score	Future
Bonus Score	Future
Total Score	Future
Edit Date	Future
Created Date	Future
Race	Future
Demographic Breakdown	Future



JOB AID: CSD UAT API SERVICES

Is Owners	Future
Is Employees	Future
Value	Future
Edit Date	Future
Created Date	Future