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Compuscan Company Search - SOAP Integration Specification

Version 1.9

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1. Change Control

Version	Date	Status	Change Description
1.0	09/12/2014	Initial	Document Initiation
1.1	12/12/2014	Update	Document review
1.2	04/03/2015	Update	Add error code -128 to previous enquiry
1.3	03/11/2015	Update	Added VAT return datablock
1.4	29/04/2016	Update	<p>Added new outputs for the following 2 functions:</p> <ul style="list-style-type: none"> • CompanyFullSearch • CompanyEnqLookup <p>The new outputs are:</p> <ul style="list-style-type: none"> • PDF • XPDF • JPFD • JSON <p>Added COMP_NOTICES data block to the Return XML</p>
1.5	22/07/2016	Update	Update parameter names to the correct ones used by the service.
1.6	28/09/2016	Update	Increased the length of the Company_ID field from 10 to 20 characters in the return XML for the Possible Match Search and also on the input XML for submitting a Full Search request.
1.7	29/09/2016	Update	Updated the Result types for Possible Search and Full Search to only include the supported output formats.
1.8	04/04/2017	Update	Updated the Full search Return XML – Mandatory Fields
1.9	22/08/2017	Update	Updated the COMP_NOTICES data block by adding the PLAINTIFF field to the data block in the output.

2. Definitions

Term	Definition
IntegrationX	Interface allowing credit bureau enquiries on a consumer.
Transaction type	Defines the transaction type: BusinessPossEnquiry or BusinessFullEnquiry
Company Score	<p>Version 1 Company score ranging from 480 to 710.</p> <p>Version 2 Company score ranging from 440 to 730</p>
XML	Extensible Markup language. File type used for exchanging data.
Consumer	A unique individual/person

3. Introduction

A Company search can be done via the Credit Check web interface or via this integration service. The Company search functionality is divided into the following search types:

- Possible Match
- Full search (based on the possible match)
- Previous Enquiry (based on a full search enquiry ID)

This document defines the functional components required to implement the Company search SOAP integration service.

This is not a free service and all searches must be considered billable. To activate the service please contact Compuscan for more information.

4. Implementation

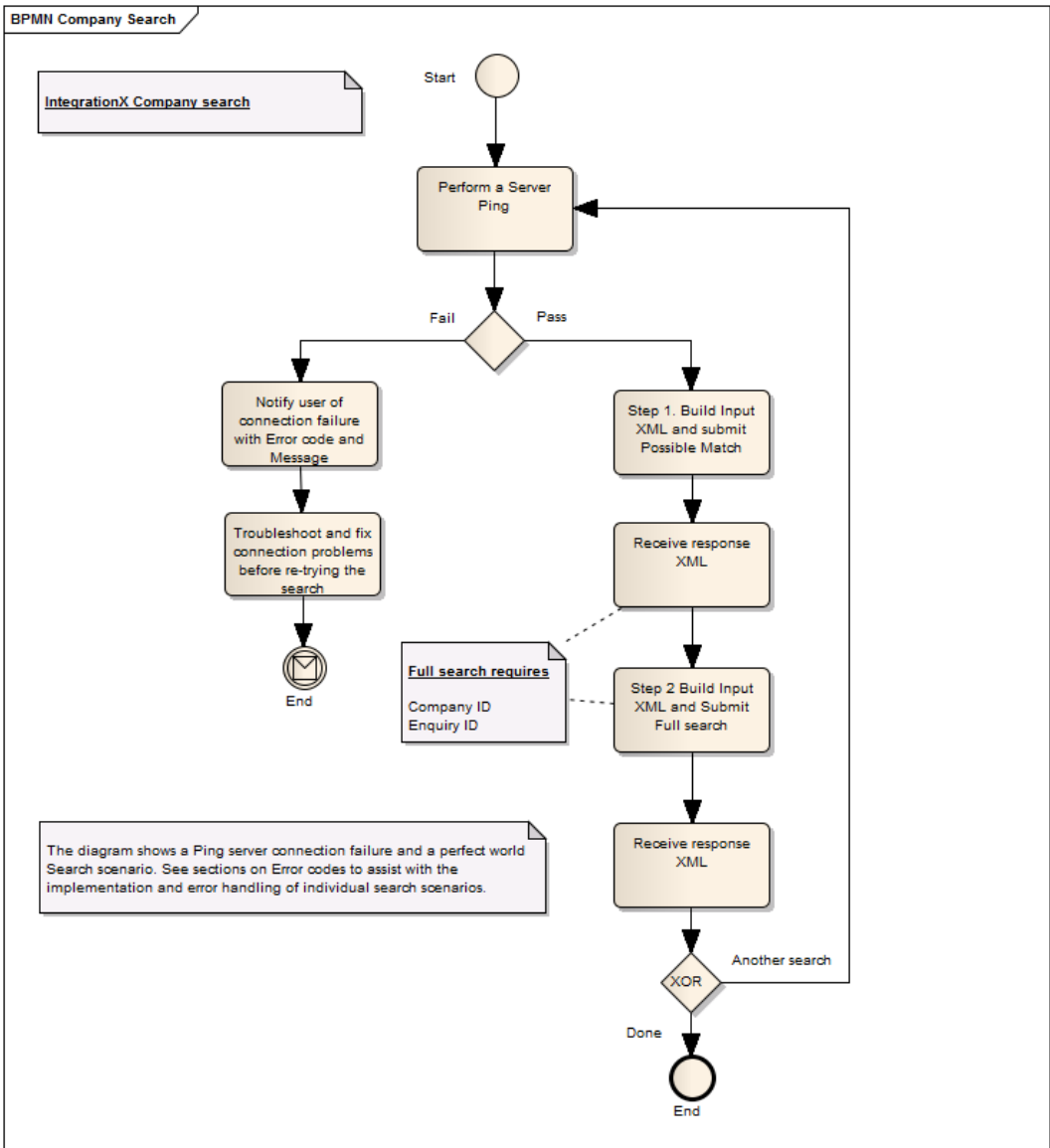
Due to underlying data structure the Company search is split into a two-step process; first by doing a Possible Match and then by doing a Full Search. The Full Search is dependent on a Possible Match results and thus the need to complete the Possible Match first.

Step 1: Complete and submit the Possible Match input XML. This initial search will in most cases return more than one record depending on the search criteria. Each returning entry will be accompanied by a **COMPANY_ID** and also the unique **Enquiry_id**. These two values will be required for the Full Search input XML.

Step 2: Complete and submit Full Search input XML. Data returned via the Possible Match together with the **COMPANY_ID** and the **Enquiry_id -> PosMatchEnq_Id** must form part of the input XML. The full search will return a unique **Enquiry_id**. This enquiry ID can be used to retrieve a Full Search via the Previous Enquiry.

Note: This service, as is default with all Integration services, contains a Ping function. Use this Ping function to ensure that a connection to the server can be established.

Please see the graphical workflow representation below.



5. SOAP service interface

This service exposes a SOAP web service interface over a secure HTTPS tunnel. The section below covers the connections strings and the methods exposed via the service.

SOAP Connection	URL
Test Server	https://webservices-uat.compuscan.co.za/CompanySearchService?wsdl
Live Server	https://webservices.compuscan.co.za/CompanySearchService?wsdl

The following methods are exposed via the service:

Method name	Description
CompanyPossibleSearch	Used in preparation for a full search.
CompanyFullSearch	Used to do a full company search. As a prerequisite the Possible Search must be completed first.
CompanyEnqIdLookup	Used to retrieve a previous Full Search result.
pingServer	Used this method to test if the server is up and running.

SOAP method definition – Possible Search

Function	Parameter	Type	Length	Notes	Return
Company PossibleSearch	pUsrnm	String	35	Service user name	TransReplyClass
	pPasswr	String	35	Service user password	
	pVersion	String	5	Version set to 1.0	
	pOrigin	String	30	Name of originating application	
	pOrigin_Version	String	30	Version of originating applicaiton	
	pTransaction	String	Wide	Input xml as defined in the possible match section	

SOAP method definition – Full Search

Function	Parameter	Type	Length	Notes	Return
Company FullSearch	pUsrnm	String	35	Service user name	TransReplyClass
	pPasswr	String	35	Service user password	
	pVersion	String	5	Version set to 1.0	
	pOrigin	String	30	Name of originating application	
	pOrigin_Version	String	30	Version of originating applicaiton	
	pTransaction	String	Wide	Input xml as defined in the Full Search section	

SOAP method definition – Previous Search

Function	Parameter	Type	Length	Notes	Return
Company EnqIdLookup	pUsrnm	String	35	Service user name	TransReplyClass
	pPasswr	String	35	Service user password	
	pVersion	String	5	Version set to 1.0	
	pOrigin	String	30	Name of originating application	
	pOrigin_Version	String	30	Version of originating applicaiton	
	pFullEnqID	Number	10	Enquiry id as received via the Full Search	
	pResultType	String	5	Service output string – XML – XPDF – JPDF – PDF – JSON –(see result type for more detail)	

SOAP method definition – Ping server

Function	Parameter	Type	Length	Notes	Return
pingServer	None	None		This method is used to test if the service is up. If the result is: - True = Service is up - False\timeout = Service is not up or cannot be reached.	Boolean

SOAP method output definition

Function	Parameter	Type	Length	Notes	Return
TransReplyClass	TransactionCompleted	Boolean	-	The parameter is used to indicate result of the request: - True = Successful - False = not completed/error	See type
	errorString	String	255	Error description. See error codes for more detail.	See type
	errorCode	String	5	Error code. See error codes for more detail.	See type
	retData	String	Variable	String containing request result based on pResultType	See type

6. Possible Match Search

This Possible Match Search will in most cases return more than one record depending on the search criteria. Each returning entry will be accompanied by a Company_ ID and a unique Enquiry ID. These two values will be required for the Full Search input XML.

6.1 Input XML

This section defines the input XML required for a Possible Match Search.

Field Name	Type	Size	Required	Comments
Company_Name	Text	35	*Search	Company name to search for.
Reg_Number1	Text	4	*Search	First part of Company Registration Number must be at least 2 characters
Reg_Number2	Text	6	*Search	Middle part Company Registration Number must be at least 4 characters
Reg_Number3	Text	4	*Search	Last part Company Registration Number must be at least 2 characters
TAX_Number	Text	10	*Search	Company Tax number
VAT_Number	Text	10	*Search	Company VAT number
ResultType	Text	4	Yes	See section Return Types
Notes: <ul style="list-style-type: none"> *Search - At least one of the search fields must be supplied Company registration number (i.e. 1999/000701/07) must be split into 3 sections: <ul style="list-style-type: none"> Reg_Number1 = 1999 (First) Reg_Number2 = 000701 (Middle) Reg_Number3 = 07 (Last). 				

Example of Possible Match Input XML.

```
<Transactions>
  <Search_Criteria>
    <Company_Name>Compuscan</Company_Name>
    <Reg_Number1></Reg_Number1>
    <Reg_Number2></Reg_Number2>
    <Reg_Number3></Reg_Number3>
    <Tax_Number></Tax_Number>
    <Vat_Number></Vat_Number>
    <ResultType>XML</ResultType>
  </Search_Criteria>
</Transactions>
```

6.2 Return Types

The Possible Match result will be returned in the format as specified via Input XML <ResultType> element.

The following result types are supported:

Result Type	Output format	Notes
XML	XML string result	
JSON	Currently not supported	Currently not supported
Note:		
<ul style="list-style-type: none"> Enquiry_Id is a unique identifier supplied by Compuscan. 		

6.3 Return XML

This section defines the return XML for a Possible Match Search.

Field Name	Type	Size	Comments
Company_ID	Text	20	Company identifier. This field will be required when doing a Full Search.
Company_Reg_Number	Text	15	Full company registration number (i.e. 1999/000701/07)
Old_Registration_Number	Text	15	Full company registration number (i.e. 1999/000701/07)
Company_Name	Text	35	Company Name to search for
TAX_Number	Text	10	Company Tax number
VAT_Number	Text	10	Company VAT number
RNUM	Numeric	5	Internal system reference. Do not use.

Example of Possible Match Return XML Enquiry.

```
<ROOT>
<POS_MATCHES>
  <ROW num="1">
    <COMPANY_ID>1113796</COMPANY_ID>
    <COMPANY_REG_NUMBER>1999/000701/07</COMPANY_REG_NUMBER>
    <OLD_REGISTRATION_NUMBER>99/00701/07</OLD_REGISTRATION_NUMBER>
    <COMPANY_NAME>COMPUSCAN HOLDINGS</COMPANY_NAME>
    <TAX_NUMBER>9173082646</TAX_NUMBER>
    <VAT_NUMBER></VAT_NUMBER>
    <RNUM>4</RNUM>
  </ROW>
  <ROW num="2">
    <COMPANY_ID>1096531</COMPANY_ID>
    <COMPANY_REG_NUMBER>1998/021744/07</COMPANY_REG_NUMBER>
    <OLD_REGISTRATION_NUMBER>98/21744/07</OLD_REGISTRATION_NUMBER>
    <COMPANY_NAME>COMPUSCAN INFORMATION TECHNOLOGIES</COMPANY_NAME>
    <TAX_NUMBER>9530999037</TAX_NUMBER>
    <VAT_NUMBER></VAT_NUMBER>
    <RNUM>5</RNUM>
  </ROW>
</POS_MATCHES>
<Enquiry_id>6906</Enquiry_id>
</ROOT>
```

Notes:

- A search could return multiple rows. The Company_ID and also the Enquiry ID is required when doing a Full Search.

6.4 Error Codes

This section covers the error codes applicable to Possible Match.

Code	Description
-101	Not all variables filled in.
-102	Invalid parameters.
-103	Problems connecting to DB.
-104	Username,Password or Subscriber code invalid.
-105	XML not valid
-106	Problem parsing transaction
-107	Branch not switched on for Company Search
-108	Problem loading settings
-109	At least one of the Search fields must contain a value
-110	Company Name must be at least 4 characters
-111	First Company Registration Number must be at least 2 characters
-112	Middle Company Registration Number must be at least 4 characters
-113	Last Company Registration Number must be at least 2 characters
-114	Problems doing search
-115	Problems inserting Enquiry
-116	Problem storing Company Possible results
-117	Unknown ResultType
-999	Unknown error

7. Full Search

The following data returned via the Possible Match search must form part of the Full Search input XML; Company_ID and the Enquiry_ID. The unique Enquiry_id returned via the full search can be used to retrieve a Full Search via the Previous Enquiry.

7.1 Input XML

This section defines the input XML required for a Full Search.

Field Name	Type	Size	Required	Comments
Company_Name	Text	35	Yes	Company name to search for.
Reg_Number1	Text	4	No	First part of Company Registration Number must be at least 2 characters
Reg_Number2	Text	6	No	Middle part Company Registration Number must be at least 4 characters
Reg_Number3	Text	4	No	Last part Company Registration Number must be at least 2 characters
VAT_Number	Text	10	No	Company VAT number
TAX_Number	Text	10	No	Company Tax number
Deeds_Data	Text	1	Yes	Request deeds data <ul style="list-style-type: none"> • Y = Yes • N = No
ResultType	Text	4	Yes	See section Return Types
Run_CompanyScore	Text	1	Yes	Generate Company Score <ul style="list-style-type: none"> • Y = Yes • N = No
Run_Codix	Text	1	Yes	Generate Codix <ul style="list-style-type: none"> • Y = Yes

				<ul style="list-style-type: none"> N = No *note, your branch needs to be switched on for a Codix to run.
PosMatchEnq_ID	Number	10	Yes	Enquiry ID found in the file name of the Possible Match Search
CompanyId	Number	20	Yes	Company ID found in the result XML of the Possible Match Search

Example of Full Search Input XML.

```

<Transactions>
  <Search_Criteria>
    <Company_Name>Compuscan</Company_Name>
    <Reg_Number1></Reg_Number1>
    <Reg_Number2></Reg_Number2>
    <Reg_Number3></Reg_Number3>
    <Vat_Number></Vat_Number>
    <Tax_Number></Tax_Number>
    <Deeds_Data>Y</Deeds_Data>
    <ResultType>XML</ResultType>
    <Run_CompanyScore>Y</Run_CompanyScore>
    <Run_Codix>Y</Run_Codix>
    <PosMatchEnq_Id>1307</PosMatchEnq_Id>
    <CompanyId>1096531</CompanyId>
  </Search_Criteria>
</Transactions>

```

Notes:

- The Company_ID and also the Enquiry_ID, returned in the Possible Match is required when doing a Full Search. See the Possible Match section for more details.

7.2 Return Types

A Full Search result is returned in the format as specified via Input XML <ResultType> element.

The following result types are supported:

Result Type	Output format	Notes
XML	XML string result	The PDF gets created by Windward
XPDF	PDF & XML string result	
JPDF	PDF & JSON string result	
PDF	PDF result	
JSON	JSON string result	
Note: <ul style="list-style-type: none">EnquiryID is a unique identifier supplied by Compuscan via the file name.		

PDF

When using the result type <ResultType>**XPDF**</ResultType>

- A single XML file will be returned
- The XML file will contain a node
 - <CC_PDF_RESULTS>
- This node contains the PDF file. To access the PDF result, un-Base64 the node content to convert it to a PDF binary format that can be saved or viewed.

7.3 Return XML

This section defines the return XML for Full Search.

<i>Field Name</i>	<i>Type</i>	<i>Size</i>	<i>Mandatory</i>	<i>Comment</i>
COMP_SRCH_CRIT				
COMPANY_REG_NUMBER	String	15	Yes	Enterprise registration (Format ccyy/000000/00)
COMPANY_NAME	String	100	Yes	Enterprise name
ENQ_DATE	Date	10	Yes	Enquiry date (Format dd/mm/yyyy HH:MM:SS)
ENQ_SHRT_DATE	Date	10	Yes	Short date (Format dd/mm/yyyy)
COMP_DETAILS				
ENT_TYPE	String	100	No	Enterprise type
COMPANY_REG_NUMBER	String	15	Yes	Enterprise registration no (Format ccyy/000000/00)
COMPANY_NAME	String	100	Yes	Enterprise name
REGISTRATION_DATE	Date	10	No	Registration date (Format dd/mm/yyyy)
BUSINESS_START_DATE	Date	10	No	Business start date (Format dd/mm/yyyy)
STATUS	String	50	No	Current status of the company
STATUS_DATE	Date	10	No	Status date (Format dd/mm/yyyy)
TAX_NUMBER	String	10	No	Tax number
INDUS_CLASS	String	150	No	Standard industrial classification
FINANCIAL_YEAR_END	Number	2	No	Financial year end
AUTHORISED_CAPITAL	Number	28	No	Authorized capital of the enterprise
AUTHORISED_SHARES	Number	28	No	Authorized shares of the enterprise
PHYS_ADRS	String	100	No	Physical address of enterprise
PHYSICAL_POST_CODE	String	10	No	Postal Code of physical address
POS_ADRS	String	100	No	Postal address of enterprise
POSTAL_POST_CODE	String	10	No	Postal code of enterprise postal address
COMP_VAT_NUMS				
COMPANY_REG_NUMBER	String	15	No	Enterprise registration (Format ccyy/000000/00)
VAT_NUMBER	Number	10	No	Registered VAT number for the company
LEGAL_NAME	String	50	No	Legal name used to register the company
TRADING_AS_NAME	String	50	No	Trading name for the company
COMP_DIRECTORS				
FIRST_NAMES	String	100	No	First names of director/member
SURNAME	String	100	Yes	Surname of director/member
ID_NUMBER	String	13	Yes	Identity number
APPOINTMENT_DATE	Date	10	No	Appointment date Format (dd/mm/yyyy)
MEMBER_CONTRIBUTION	Number	16	No	Member's contribution in rand value
STATUS_DATE	Date	10	No	Status date (Format dd/mm/yyyy)
PRINCIPAL_TYPE	String	150	No	Description of type of member within the company
RESIDENTIAL_ADDRESS1	String	35	No	Registered address
RESIDENTIAL_ADDRESS2	String	35	No	Registered address
RESIDENTIAL_ADDRESS3	String	35	No	Registered address
RESIDENTIAL_ADDRESS4	String	35	No	Registered address
RESIDENTIAL_POSTCODE	String	10	No	Registered postal code

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MEMBER_SIZE	Number	5	No	Member's contribution in rand value
STATUS	String	6	No	Members status within the company
AC	Number	15	No	Internal system reference. Do not use.
COMP_DIR_CC_DATA				
DIR_NAME_SURNAME	String	150	No	First and last name
ID_NUMBER	String	13	No	Identity number
CREDIT_SCORE	Number	3	No	Current credit score of the member
FRAUD_ALERTS	Number	3	No	Count of the total amount of fraud listings against the member
JUDGEMENTS	Number	3	No	Count of the total amount of judgments listed against the member
ADVERSE_ACC	Number	3	No	Count of the total amount of adverse accounts listed against the member
WRITTEN_OFF_ACC	Number	3	No	Count of the total amount of written off accounts listed against the member
DEBT_RESTRUCT	Number	3	No	Count of the total amount of debt restructuring listings against the member
PROPERTIES	Number	5	No	Count of the total amount of properties owned by the member
ACTIVE_COMPANIES	Number	5	No	Count of companies the member is also a member of
AC	Number	15	No	Internal system reference. Do not use.
FIRST_NAMES	String	100	No	First names of director/member
SURNAME	String	100	No	Surname of director/member
COMP_AUD_INFO				
AUDITORNAME	String	120	No	Auditor name
PROFESSION	String	50	No	Description of the auditors registered code
PROFESSIONCODE	String	5	No	Profession code
PROFESSIONNUMBER	String	9	No	Profession number
TYPECODE	String	1	No	Aud_type code (see auditor_type_code)
AUD_TYPE	String	100	No	Description of type code (see auditor_type_code)
BUSS_ADRS	String	120	No	Auditor business address
POS_ADRS	String	10	No	Auditor business postal code
STATUSCODE	String	1	No	Status code (see auditor_status_code)
STATUS	String	150	No	Status description of the auditor to the company (see auditor_status_code)
COMP_JUDGE				
CASE_FILING_DATE	Date	10	No	Filing date (Format dd/mm/yyyy)
CASE_NUMBER	String	13	Yes	Courte case number
COURT_TYPE	String	50	No	Denotes the type of court the judgment was granted in (ie magistrates court or high court)
COURT_NAME	String	30	No	Court name
CASE_TYPE	String	100	No	Reason given for listing the judgment
CASE_REASON	String	100	No	Case type
ATTORNEY_NAME	String	100	No	Attorney name
AMOUNT	Number	28	Yes	Judgment amount
PLAINTIFF_1_NAME_AND_SURNAME	String	120	Yes	Plaintiff name
MATCH	String	15	No	Type of matching result found based on the search (possible or definite match to the company)
COMP_NOTICES				

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CASE_FILING_DATE	Date	10	No	Filing date (Format dd/mm/yyyy)
CASE_NUMBER	String	13	Yes	Courte case number
COURT_TYPE	String	50	No	Denotes the type of court the notice was granted in (ie magistrates court or high court)
COURT_NAME	String	30	No	Court name
CASE_TYPE	String	100	No	Reason given for listing the notice
CASE_REASON	String	100	No	Case type
ATTORNEY_NAME	String	100	No	Attorney name
AMOUNT	Number	28	Yes	Notice amount
STATUS	String	15	Yes	The status of the notice
PLAINTIFF_1_NAME_AND_SURNAME	String	120	Yes	Plaintiff name
LINK_COMP_INFO				
DIR_NAME	String	100	No	Director first name
DIR_SURNAME	String	100	Yes	Director last name
...sub				
DIR_LINKED_COMP				
COMPANY_NAME	String	100	Yes	Associated company name
COMPANY_REG_NUMBER	String	15	Yes	Enterprise registration no (Format ccyy/000000/00)
POSITION	String	35	No	Members position within the company
APPOINTMENT_DATE	Date	10	No	Appointment date (Format dd/mm/yyyy)
PHYSICAL_ADDRESS1	String	35	No	Physical address of enterprise
PHYSICAL_ADDRESS2	String	35	No	Physical address of enterprise
PHYSICAL_ADDRESS3	String	35	No	Physical address of enterprise
PHYSICAL_ADDRESS4	String	35	No	Physical address of enterprise
PHYSICAL_POST_CODE	String	10	No	Physical address postal code
MEMBER_SIZE	Number	5	No	Member's contribution in rand value
STATUS	String	30	No	Status of member within the company
STATUS_DATE	Date	10	No	Status date (Format dd/mm/yyyy)
PRINCIPAL_TYPE	String	35	No	Type of member within the company
MEMBER_CONTRIBUTION	Number	16	No	Member's contribution in rand value
COMPANY_STATUS	String	40	No	Current status of members associated company
AC	Number	15	No	Internal system reference. Do not use.
TAX_NUMBER	String	10	No	Tax number
RNUM	Number	5	No	Internal system reference. Do not use.
...sub end			No	
LINK_ADRS_INFO				
DIR_NAME	String	100	No	Director first name
DIR_SURNAME	String	100	No	Director last name
...sub				
COMP_DIR_ADRS				
ID_NUMBER	String	13	Yes	Identity number
ADDRESS	String	100	No	Director address
POSTAL_CODE	String	10	No	Director address postal code
ADDRESS_TYPE	String	10	No	Postal, business, home
DATE_CREATED	Date	10	No	Date created (Format dd/mm/yyyy)

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AC	Number	15	No	Internal system reference. Do not use.
...sub end				
COMP_RES_COUNTS				Element <PROP_CNT> will have a -1 in it when the Deeds Data request was set to <Deeds_Data>N</Deeds_Data>
DIR_CNT	Number	5	No	Count of all members linked to the company
AUD_CNT	Number	5	No	Count of all auditors linked to the company
LNK_CMP_CNT	Number	5	No	Count of all associated members linked to the company
PREV_ENQ_CNT	Number	5	No	Count of all previous enquiries run on the company
ADRS_CNT	Number	5	No	Count of all addresses linked to the company
JUDGE_CNT	Number	5	No	Count of all judgments listed against the company
DIR_ADRS_CNT	Number	5	No	Count of all members linked to the company
PROP_CNT	Number	5	No	Count of all properties owned by the company
COMP_PREV_ENQ				
ENQ_DATE	Date	10	No	Enquiry date (Format dd/mm/yyyy HH:MM:SS)
BRANCH_NAME	String	100	No	Branch name
CONTACT_PERSON	String	100	No	Contact person
TELEPHONE_NUMBER	String	12	No	Contact number
RNUM	Number	5	No	Internal system reference. Do not use.
COMP_COMPU_SCORE			No	
COLOUR	String	15	Yes	Hex decimal RGB values of color
RISK_TYPE	String	15	Yes	High, low, medium
THIN_FILE_INDICATOR	String	1	Yes	Indicates if it is a thin file <ul style="list-style-type: none"> Y = Yes N = no
SCORE	Number	5	Yes	Score
BCODE	Number	5	Yes	Branch code
AC	Number	15	No	Internal system reference. Do not use.
VERSION	Number	2	Yes	Version 1 = Score based on the sum of directors scores Version 2 = Based on company score card
COMP_PROPERTIES			No	
ERF_NO	Number	10	Yes	Registered number of the property at the deeds office
ACTIVE_INDICATOR	String	12	No	Shows if the property is still owned (active) or not (in-active)
PROPERTY_TYPE	String	20	No	Property type description
MUNICIPALITY	String	40	No	Municipality under which the property is located
PORTION	Number	5	No	The percentage of the property owned by that individual or entity
UNIT	Number	5	No	Unit number if the property
SECT_SCHEME_NAME	String	60	No	Where applicable, the scheme name will be provided
COMP_PROP_DETAILS			No	
ERF_NO	Number	10	Yes	Registered number of the property at the deeds office
ACTIVE_INDICATOR	String	12	No	Shows the property is still owned (active) or not (in-active)
REGISTRATION_DATE	Date	10	No	Registration date (Format dd/mm/yyyy)
PURCHASE_DATE	Date	10	No	Purchase date (Format dd/mm/yyyy)
PURCH_PRICE	Number	28	No	Purchase price
TITLE_SHARE	Number	5	No	Ownership percentage of the owner of the property
TITLE_DEED_NO	String	20	No	The title deed number of the property
REGD	String	30	No	Internal system reference. Do not use.

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RNUM	Number	5	No	Internal system reference. Do not use.
COMP_BOND_DETAILS			No	
ERF_NO	Number	10	No	Registered number of the property at the deeds office
ACTIVE_INDICATOR	String	12	No	Shows the property is still owned (active) or not (in-active)
INSTITUTION	String	60	No	Bank at which the bond is registered
BOND_AMOUNT	Number	20	No	Amount of the bond
BOND_NUMBER	String	40	No	Number assigned to the bond
BOND_REG_DATE	Date	10	No	Registration date (Format dd/mm/yyyy)
NO_PROP	Number	2	No	Number of properties associated with the bond
BOND_REGISTRATION_DATE	Date	10	No	Internal system reference. Do not use.
RNUM	Number	5	No	Internal system reference. Do not use.
LINK_ADRS_INFO			No	
DIR_NAME	String	100	No	Director first name
DIR_SURNAME	String	100	No	Director last name
...sub				
COMP_DIR_ADRS			No	
ID_NUMBER	String	13	No	Identity number
ADDRESS	String	120	No	Address
POSTAL_CODE	String	10	No	Postal code
ADDRESS_TYPE	String	10	No	Postal, business, home
DATE_CREATED	Date	10	No	Date created (Format dd/mm/yyyy)
AC	Number	15	No	Internal system reference. Do not use.
...sub end				
Enquiry_id	Number	10	Yes	Unique enquiry ID for this search
BUSINESS_CODIX			No	
version	String	10	Yes	Codix version used
CODIX_TYPE	String	45	Yes	Type of Codix applied - GenericBusiness
CODIX_NAME	String	45	Yes	Name of Codix applied – Generic Business Codix
PRODUCTS ...sub				Contains Codix product details and their respective outcomes.
product num	Number	5	Yes	Product number, there could be multiple products setup for a Codix
product_description	String	45	Yes	Product description
outcome	String	1	Yes	Codix outcome, for the given product Y = yes, the codix pass N = no, Codix did not pass see reasons for more information R = refer, refer for decision making
Reasons ...sub				Can be a list of multiple reason relating to the Codix outcome
reason num		1	Yes	Reason number, there could be multiple reasons for a given outcome
outcome	String	1	Yes	Codix outcome, for the given product Y = yes, the codix pass N = no, Codix did not pass see reasons for more information R = refer, refer for decision making
Description	String	255	Yes	Reason description

7.4 Return XML Lookups

Use this section to better understand the Return XML for Full search

TYPE	CODE	DESCRIPTION
AUDITOR_STATUS_CODE	A	Current
AUDITOR_STATUS_CODE	B	Name Change
AUDITOR_STATUS_CODE	C	Resign
AUDITOR_STATUS_CODE	D	Removed
AUDITOR_STATUS_CODE	E	Deceased
AUDITOR_STATUS_CODE	F	Previous Name
AUDITOR_STATUS_CODE	U	Unknown Data Integrity Data
AUDITOR_TYPE_CODE	A	Auditor
AUDITOR_TYPE_CODE	B	ACC
AUDITOR_TYPE_CODE	C	Liquidator
AUDITOR_TYPE_CODE	D	Resign as per Letter
AUDITOR_TYPE_CODE	M	Member of Audit Committee
AUDITOR_TYPE_CODE	P	Designated Auditor (Natural Person)
AUDITOR_TYPE_CODE	U	Unknown Data Integrity Data
CAPITAL_TYPE	0	AUTHORIZED ORDINARY
CAPITAL_TYPE	1	AUTHORIZED PREFERENCE
CAPITAL_TYPE	10	ISSUED REDEEMBABLE PREMIUM
CAPITAL_TYPE	11	ISSUED OTHER PREMIUM
CAPITAL_TYPE	2	AUTHORIZED REDEEMBABLE
CAPITAL_TYPE	3	AUTHORIZED OTHER
CAPITAL_TYPE	4	ISSUED ORDINARY
CAPITAL_TYPE	5	ISSUED PREFERENCE
CAPITAL_TYPE	6	ISSUED REDEEMBABLE
CAPITAL_TYPE	7	ISSUED OTHER
CAPITAL_TYPE	8	ISSUED ORDINARY PREMIUM
CAPITAL_TYPE	9	ISSUED PREFERENCE PREMIUM
CHANGE_TYPE_CODE	01	Name Change
CHANGE_TYPE_CODE	02	Short Name Change
CHANGE_TYPE_CODE	03	Translated Name Change
CHANGE_TYPE_CODE	04	Type Change (Special Resolutions)
CHANGE_TYPE_CODE	05	Status Change
CHANGE_TYPE_CODE	06	Postal Address Change
CHANGE_TYPE_CODE	07	Registered Address Change
CHANGE_TYPE_CODE	08	Auditor/Acc Officer Change
CHANGE_TYPE_CODE	09	Nature of Business Change
CHANGE_TYPE_CODE	10	Category Change
CHANGE_TYPE_CODE	11	Representative Change
CHANGE_TYPE_CODE	12	Application To Proceed as a Business
CHANGE_TYPE_CODE	13	Withdrawn From Public
CHANGE_TYPE_CODE	14	Replaced for Public Viewing
CHANGE_TYPE_CODE	15	Change of Book year
CHANGE_TYPE_CODE	16	Transferred to Another Country
CHANGE_TYPE_CODE	17	Deregister Translated Name
CHANGE_TYPE_CODE	18	Deregister Shortened Name
CHANGE_TYPE_CODE	19	Exchange of Two Company Names

CHANGE_TYPE_CODE	20	Application to Open Share Title
CHANGE_TYPE_CODE	21	Conversion CC/CO or CO/CC
CHANGE_TYPE_CODE	22	Report Types of Company
CHANGE_TYPE_CODE	23	Registration of CC/MPY
CHANGE_TYPE_CODE	24	Dissolved CC/CO
CHANGE_TYPE_CODE	25	Final Deregistration of CC/CO
CHANGE_TYPE_CODE	26	Dissolved CC/CO
CHANGE_TYPE_CODE	27	Reduce Authorized / Issued Capital
CHANGE_TYPE_CODE	28	In Liquidation
CHANGE_TYPE_CODE	29	In Deregistration CC/CO (A-List or B-List)
CHANGE_TYPE_CODE	33	Restore Into Business
CHANGE_TYPE_CODE	35	Directors/Member Change/Secretary/Trust/Both Dir And Office
CHANGE_TYPE_CODE	40	Cancellation of Deregistration Process
CHANGE_TYPE_CODE	41	Deregistration B-List
CHANGE_TYPE_CODE	42	Change Enterprise Number
CHANGE_TYPE_CODE	43	Type Change (External Company)
CHANGE_TYPE_CODE	44	CO/CC Annual Return
CHANGE_TYPE_CODE	45	Annual Return Restoration
CHANGE_TYPE_CODE	46	Ring Fencing Condition
CHANGE_TYPE_CODE	47	AR IN Deregistration
CHANGE_TYPE_CODE	48	AR Final Deregistration
CHANGE_TYPE_CODE	49	AR Restore Into Business (25-24)
CHANGE_TYPE_CODE	50	AR Restore Into Business (24-03)
CHANGE_TYPE_CODE	51	AR Restore Into Business (23-03)
CHANGE_TYPE_CODE	52	Internal Correction Notice
COMPANY_STATUS_CODE	00	No Status
COMPANY_STATUS_CODE	01	Defensive Name
COMPANY_STATUS_CODE	02	Suspended
COMPANY_STATUS_CODE	03	In Business
COMPANY_STATUS_CODE	04	Transferred to Archive
COMPANY_STATUS_CODE	05	Provisional Liquidation
COMPANY_STATUS_CODE	06	Voluntary Liquidation
COMPANY_STATUS_CODE	07	Final Liquidation
COMPANY_STATUS_CODE	08	Deregistration Process
COMPANY_STATUS_CODE	09	Deregistration Final
COMPANY_STATUS_CODE	11	Transvaal Ordinance
COMPANY_STATUS_CODE	12	Judicial Management Preliminary
COMPANY_STATUS_CODE	13	CO-Operative
COMPANY_STATUS_CODE	14	Dissolved
COMPANY_STATUS_CODE	16	Name Unconditionally Reserved
COMPANY_STATUS_CODE	17	Judicial Management Final
COMPANY_STATUS_CODE	18	Defensive Name Extended
COMPANY_STATUS_CODE	19	Cancelled
COMPANY_STATUS_CODE	20	Conversion CO/CC or CC/CO
COMPANY_STATUS_CODE	21	Duplicate Name
COMPANY_STATUS_CODE	22	CO converted to CO-Operative
COMPANY_STATUS_CODE	23	AR Deregistration Process
COMPANY_STATUS_CODE	24	AR Restoration Process
COMPANY_STATUS_CODE	25	AR Final Deregistration
COMPANY_STATUS_CODE	28	RE-INSTATEMENT PROCESS
COMPANY_STATUS_CODE	29	AR FINAL DEREGISTRATION

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COMPANY_STATUS_CODE	38	DEREGISTRATION PROCESS
COMPANY_STATUS_CODE	39	DEREGISTERED - TRANSFER
COMPANY_STATUS_CODE	49	DEREGISTERED - MERGER
COMPANY_STATUS_CODE	GG	Send to GG A-List
COMPANY_TYPE	06	Public Company (Ltd)
COMPANY_TYPE	07	Private Company (Pty) Ltd
COMPANY_TYPE	08	Non Profit Company (NPC)
COMPANY_TYPE	09	Limited By Guarantee (Limited By Guarantee)
COMPANY_TYPE	10	External Company
COMPANY_TYPE	11	External Company under Article 21
COMPANY_TYPE	12	External Company under Section 21A (External Non-Profit Company)
COMPANY_TYPE	20	Transvaal Ordinance
COMPANY_TYPE	21	INC (Inc)
COMPANY_TYPE	22	Unlimited (Unlimited)
COMPANY_TYPE	23	Close Corporation (CC)
COMPANY_TYPE	24	Primary Cooperative (Primary Co-Operative Limited)
COMPANY_TYPE	25	Secondary cooperative (Secondary Co-Operative Limited)
COMPANY_TYPE	26	Tertiary Cooperative (Tertiary Co-Operative Limited)
COMPANY_TYPE	30	State Owned Company (SOC Ltd)
COMPANY_TYPE	31	Statutory body
DESIGNATION_CODE	A	Director
DESIGNATION_CODE	B	Officer
DESIGNATION_CODE	C	Law Representative
DESIGNATION_CODE	D	Both Director and Officer
DESIGNATION_CODE	E	Secretaries
DESIGNATION_CODE	IN	Invalid Code
DESIGNATION_CODE	R	Representative
MEMBER_STATUS_CODE	A	Active
MEMBER_STATUS_CODE	B	Deceased
MEMBER_STATUS_CODE	C	Resigned
MEMBER_STATUS_CODE	D	Disqualified
MEMBER_STATUS_CODE	E	Rehabilitated
MEMBER_STATUS_CODE	F	Remove
MEMBER_STATUS_CODE	I	Invalid Code
MEMBER_STATUS_CODE	N	Resignation notice received
MEMBER_TYPE_CODE	1	Audit Committee Member
MEMBER_TYPE_CODE	2	Non Executive Independent Director
MEMBER_TYPE_CODE	3	Financial Director
MEMBER_TYPE_CODE	4	Chief Operation Officer
MEMBER_TYPE_CODE	5	Chief Executive Officer
MEMBER_TYPE_CODE	6	Chairman of the Board
MEMBER_TYPE_CODE	A	Auditor
MEMBER_TYPE_CODE	B	Both Director/Officer
MEMBER_TYPE_CODE	C	Secretary Company/Close Corporation
MEMBER_TYPE_CODE	D	Director
MEMBER_TYPE_CODE	E	External / Overseas
MEMBER_TYPE_CODE	F	Director (Companies and CC's)
MEMBER_TYPE_CODE	G	Local Managers
MEMBER_TYPE_CODE	H	Testamentary Trust
MEMBER_TYPE_CODE	I	Manager
MEMBER_TYPE_CODE	J	Representative Trustee

MEMBER_TYPE_CODE	K	Non Executive Director
MEMBER_TYPE_CODE	L	Legal Representative
MEMBER_TYPE_CODE	M	Member
MEMBER_TYPE_CODE	N	Alternate Director
MEMBER_TYPE_CODE	O	Officer
MEMBER_TYPE_CODE	P	Partnership
MEMBER_TYPE_CODE	Q	Primary/Secondary Founding Member
MEMBER_TYPE_CODE	R	Representative
MEMBER_TYPE_CODE	S	Company Secretary (Natural Person)
MEMBER_TYPE_CODE	T	Trust
MEMBER_TYPE_CODE	V	Incorporator
MEMBER_TYPE_CODE	W	Joint Executor
MEMBER_TYPE_CODE	X	Executor
MEMBER_TYPE_CODE	Y	Other Trustee
MEMBER_TYPE_CODE	Z	Founding Member
PROFESSION_CODE	ACCA	The Association of Chartered Certified Accountants
PROFESSION_CODE	CIMA	The Chartered Institute of Management Accountants (CIMA)
PROFESSION_CODE	IAC	The Institute of Accounting and Commerce
PROFESSION_CODE	ICSA	The Southern African Institute of Chartered Secretaries and Administrators (ICSA)
PROFESSION_CODE	IRBA	Auditors registered in terms of the provisions of the Auditing Profession Act ,2005 (IRBA)
PROFESSION_CODE	MCIBM	The Chartered Institute of Business Management (MCIBM)
PROFESSION_CODE	SAIBA	The South African Institute of Business Accountants (SAIBA)
PROFESSION_CODE	SAICA	The South African Institute of Chartered Accountant (SAICA)
PROFESSION_CODE	SAIGA	South African Institute of Government Auditors (SAIGA)
PROFESSION_CODE	SAIPA	The South African Institute of Professional Accountants (SAIPA)
REGION_CODE	1	Western Cape
REGION_CODE	2	Eastern Cape
REGION_CODE	3	Northern Cape
REGION_CODE	4	Free State
REGION_CODE	5	Kwa-Zulu Natal
REGION_CODE	6	North West
REGION_CODE	7	Gauteng
REGION_CODE	8	Mpumalanga
REGION_CODE	9	Limpopo

7.5 Error Codes

This section covers the error codes applicable to Full Search.

Code	Description
-101	Not all variables filled in.
-102	Invalid parameters.
-103	Problems connecting to DB.
-104	Username,Password or Subscriber code invalid.
-105	XML not valid
-106	Problem parsing transaction
-107	Branch not switched on for Company Search
-108	Problem loading settings
-109	At least one of the Search fields must contain a value
-110	Company Name must be at least 4 characters
-111	First Company Registration Number must be at least 2 characters
-112	Middle Company Registration Number must be at least 4 characters
-113	Last Company Registration Number must be at least 2 characters
-114	Problems doing search
-115	Problems inserting Enquiry
-117	Unknown ResultType
-118	Branch not switched on for Deeds Data
-119	Problem storing Company Full results
-120	Cannot find Country Code for your branch
-121	Company Id or Possible Match Id missing
-122	Supplied Possible Match Id does not belong to your branch
-123	Branch not switched on for CompuScore
-126	Branch not switched on for Company Codix
-127	Company Codix cannot run without Company Score
-999	Unknown error

8. Previous enquiry

A Full Search will return a unique Enquiry_id. This Enquiry_id is used to retrieve a Full Search via the Previous Enquiry.

8.1 Input parameters

This section defines the input parameters required to initiate a Previous Enquiry.

<i>Field Name</i>	<i>Type</i>	<i>Size</i>	<i>Required</i>	<i>Comments</i>
FullEnqId	Number	10	Yes	Full Search enquiry id.
ResultType	Text	4	Yes	See section Return Types

8.2 Return Types

Please see the section Return Types under Full Search.

8.3 Return XML

Please see the section Return XML under Full Search for more details.

8.4 Error Codes

This section covers the error codes applicable to Previous Enquiry.

<i>Code</i>	<i>Description</i>
-101	Not all variables filled in.
-102	Invalid parameters.
-103	Problems connecting to DB.
-104	Username,Password or Subscriber code invalid.
-107	Branch not switched on for Company Search
-108	Problem loading settings
-117	Unknown ResultType
-124	Input EnqID does not belong to you
-125	Problem collecting Company Full results
-128	Invalid Enquiry Id
-999	Unknown error

9. Company Score

Note this section relates to Company score Version 2. Version 1 is being phased out and is based on the sum of scores for all the active directors.

The image below was taken from Credit Check – Compuscan online interface – and only serves the purpose of visualizing the outcome of the company score.



Below is the score bands with the risk classifications

<i>Company Score Version 2 score bands</i>		
<i>Band</i>	<i>Score band</i>	<i>Description</i>
1	less and equal to 440	Very high risk
2	498 to 556	High risk
3	556 to 614	Average risk
4	614 to 672	Low risk
5	672 to 730	Minimum risk