

# 2013 ACCOUNT SERVICE B2B.IS



## Introduction

B2B is a collection of webservices designed to simplify online banking and give a clear overview of customers' finances. All major bank transactions can be conducted directly from a customer's accounting system. B2B is a communication technology for corporate accounting systems that exchanges information to and from the banks. Each company's accounting system is used without having to use the online bank. B2B is a powerful solution in the field of electronic services. With the introduction of B2B, work processes are shortened and accounting efficiency increases. B2B saves time and decreases the probability of errors, since only one system is used, i.e., the accounting system of the company in question. Additionally, there is greater opportunity to make informed decisions when a real-time overview of accounting is available. For further information, please contact Arion bank corporate services: [arionbanki@arionbanki.is](mailto:arionbanki@arionbanki.is)

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## Common Information

This webservice allows you to fetch Account Statement for Deposit Accounts. You can get Statements that the Logged in user has Access to. You can filter records by dates and the result returns the newest record first.

## Access Control

The service has same Access control as Arion Online bank: login and password. On top of login, all communication between Arion and your system must be signed by Certificate.

The webservice for Deposit Accounts (AccountService) is proprietary Arion Schema. The service has WCF endpoint with Mutual Authentication security model. The information transmitted between systems is encrypted over HTTPS. More information on Certificate and installation in <http://b2b.is/services/Docs/UserManual-AuthenticationAndCertificates-english.pdf>

## Web paths

The Deposit Accounts service can be found at:

<http://ws.b2b.is/Statements/20131015/AccountService.svc>

## Schema

Schema can be found at:

<http://ws.b2b.is/Statements/20131015/AccountService.svc?wsdl>

## Overview

This documentation is intended for programmers who implement solutions to connect directly from Accounting system to Arion bank B2B services. This document includes Use cases, description, and data format.



## Functionality

The Web Service gives the user access to function to fetch Account Statement.

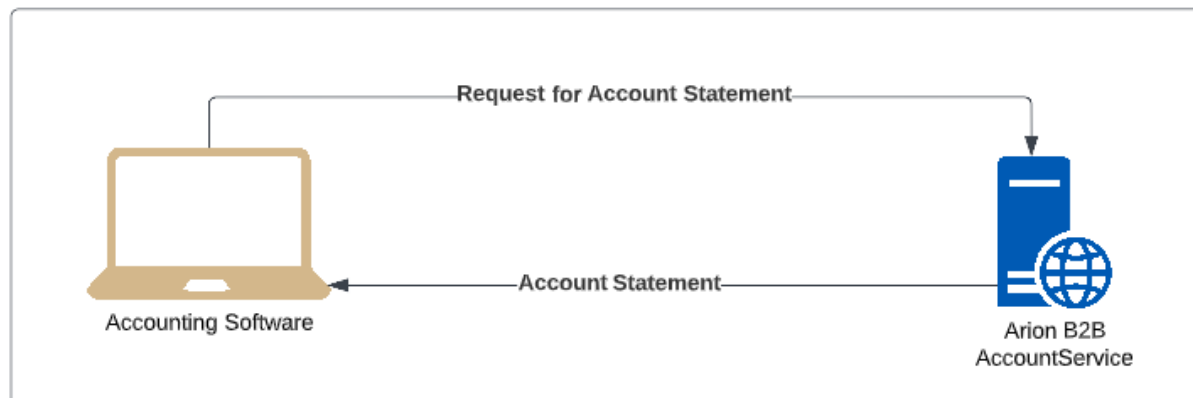
### Fetch Account Statement

The GetAccountStatement fetches general information for Account and Statement. User can filter the Statement records by dates and can also page the result to a certain row count. The result is ordered by date, displaying the newest record first.

General information is available, such as Account number, Currency, IBAN, and Owner's kennitala. General information is usually not changed after it has been set initially. Extra information, such as Credit limit, Balance, and Available Amount, is also returned.

## Use Cases

### Fetch Account Statement



## Fields

This chapter has information on input and output fields for the Account Service.

### Service functions

List of functions within the Account Service:

Function	Input	Description	Output
GetAccountStatement	AccountStatementQuery See below	Fetches Statement details	AccountStatement See below

### AccountStatementQuery

The Class AccountStatementQuery is the input to function GetAccountStatement. Account, DateFrom, and DateTo are mandatory\*. RecordFrom and RecordTo are optional.

Input	Description
Account*	Bank number/Branch number, Ledger, and Account number.
DateFrom*	Date from (from start of day)
DateTo*	Date to (to end of date)
RecordFrom	Paging result from Record number
RecordTo	Paging result to Record number

### AccountStatement

The Class AccountStatement is the result from GetAccountStatement. It has detailed information about the Account and transactions.

Input	Description
Account	Bank number/Branch number, Ledger, and Account number.
Currency	Account currency
Overdraft	Credit limit registered to the Account
Balance	Current Balance
AvailableAmount	Available Amount for withdrawal. Deposit + Credit limit. If restricted account, then this returns Available amount to withdraw.
Status	Current Account status: Closed or Available.
TotalAmountWaiting	Amount waiting in payment orders
IBAN	Account IBAN number

AccountOwnerID	Owner's kennitala
CustomAccountName	Not implemented, returns AccountType name.
AccountInformation	AccountType name
Transaction	List<AccountTransaction> see below

## AccountTransaction

The Class AccountTransaction stores transactions of the Account and is part of AccountStatement Class.

Output	Description
TransactionID	Uniq record ID. Not implemented for payments within the day.
TransactionDate	Booking date
ValueDate	Value date of the transaction
BatchNumber	Batch number is 4 numbers indicating which system is the originator of the entry. For example, 5041/5071 for Online bank.
RedeemingBank	Redemption bank number (4 numbers)
Transaction	Entry key, for example 01=Deposit, 02=??? (útborgun).
Reference	16-character string, usually used for payer's kennitala.
BillNumber	Bill number is 7-character string. This field is visible on receiver's statement.
CategoryCode	2 characters representing type of transfer: 03=transfer, 04=salary.
Category	Category code description
ReferenceDetail	Detailed information for Reference. If kennitala is used, the name of the payer is displayed.
PayorId	Payor kennitala
Amount	Transaction Amount
Balance	Account balance after entry

## IOBSFault

The Class IOBSFault has information on errors that can be raised.

Output	Description
GeneralErrorCode	General error code
GeneralErrorText	General error text
SourceErrorCode	Error code from underlying system. Not Implemented.
SourceErrorText	Error text from underlying system. Not Implemented.
GeneralSourceCode	Technical error Code from underlying system
GeneralSourceText	Technical error text from underlying system

GeneralErrorCode	GeneralErrorText	Description
0001	Service is unavailable.	The service is closed.
1000	An Error Occurred.	General error message, with possible details.
1100	Access to the operation is not present.	The function is closed.
1200	Data could not be validated.	Input does not validate required Schema.
1300	Business logic error.	General error in business flow.