

GoCredit API

All the work in web service in the next url:

<https://app.gocredit.co.il/NCCSConnectors/Gateway.aspx>

the web service includes all the integration functions.

The functions require **LoginParams** credentials to be passed as the first parameter. This data must be saved in an encrypted form - in the settings file of your application or website. The required details:

Field name	Description	Type	Comments
Login	username	String	
Password	password	String	

All function returns True or False value to indicate whether the operation was successful or not. In addition, all functions also return a variable of type **ResponseDetails** in the following structure with the error code and description. The error code is a closed list of codes (see list at the end of the document) by which you can know what the problem is. The text can be presented to the user directly, without further processing

Field name	Description	Type	Comments
Message	The return message	String	
Response Code	Response code	ResponseCodesEnum	

1. Functions for executing transactions

1.1. Performing direct debit transactions - **ExecuteTransaction**

```
Function ExecuteTransaction(  
    IN LoginParams As LoginDetails,  
    IN TransactionParams As TransactionDetails,  
    OUT TransactionResponse AsTransactionResponseDetails,  
    OUT Response As ResponseDetails  
) As Boolean
```

This function is the main function used to execute a transaction when the credit card details (the credit card itself or the token) are known to the requesting party. The function is used to execute a single transaction. In its basic form, the function allows you to charge a credit card and requires only 3 parameters - credit card number, expiry and amount. Through this function it is possible to perform all types of transactions in SBA, including test transactions only (J2) and confirmation transactions (J5) The function accepts a **TransactionDetails** type data structure with the following fields:

Field name	Description	Type	Comments
CreditCard	Card Number	String	credit card number. The value transferred here can be an actual credit card number, a token number or the contents of a magnetic stripe
CreditCardExpiryDate MMY	Card expiry	String	Credit card expiry in the format of MMY
CreditCardHolderPersonalID	ID number of the cardholder	String	Required according to the settings of the terminal in the credit companies
CreditCardHolderPhone	The phone number of the cardholder	String	Informative only, to be saved together with the transaction data and for reports
CreditCardCVV	CVV/CVV2	String	3 or 4 digits on the back of the card. Mandatory according to the terminal settings in the credit companies. Not mandatory for terminals defined as a standing order.
Currency	Currency for clearing	CurrencyEnum	Currency code to perform the operation according to the list of currencies (see appendix). Default - ILS - shekel
Sum	amount for settlement	Double	transaction sum. If a negative amount is transferred, a credit transaction is made
Points	points/stars	Integer	For transactions in stars or points - number of stars or points to be charged to the customer
CreditType	Credit type	CreditTypesEnum	The form in which the customer will be charged: Regular - regular credit (default). The card will be charged for the entire transaction amount at one time Payments - payments. The card will be charged in several separate payments. The business will be credited with the money in separate payments Credit - credit. The card will be charged in several separate payments. The business will be credited with one payment. The credit card owner will pay interest for the credit.
FirstPaymentSum	First payment amount	Double	In the Payments type transaction only, the amount of the first payment
OtherPaymentsSum	the amount of the remaining payments	Double	In the Payments type transaction only, the amount of the remaining payments
NumberOfPayments	Number of payments	Integer	In Payments and Credit transactions, the number of payments (option Default 1): In the case of Payments transactions, the formula must be met Next: $Sum = FirstPayment + (NumberOfPayments - 1) * OtherPayments$

			For example, in a transaction of 250 NIS in 3 payments, if you want the first payment to be 50 NIS, you must transfer: NumberOfPayments=3 FirstPaymentSum=50 OtherPaymentsSum=100
TerminalNumber	Terminal number	String	The terminal number is 10 digits long
ManualApprovalNumber	Forced confirmation number	String	This field can only be used in standing orders after a confirmation number has been received from the credit companies, or in transactions with telephone confirmation
Mode	Type of action	TransactionMode	Type of action to be performed: RegularJ4 - Regular debit/credit (default) ValidateOnlyJ2 Only checking the credit card number without a charge. You can use this option to get an indication of whether the credit card number has been entered correctly, as well as some data on the card itself. A positive answer here does not guarantee the ability to make a subsequent charge. RequestApprovalJ5 - request for approval without a transaction. This operation asks to reserve a certain amount in the credit card's obligation and can be debited with it at a later stage. The use of this option requires a special agreement with the credit companies
RefTransactionID	Transaction number in the client system	Integer	An informative field that is used to save the operation number as it appears in the client's systems - for example, the order number on the website or the receipt number in the invoice system
RefCustomerCode	Customer code	String	as mentioned above
RefCustomerName	Customer name	String	as mentioned above
RefAdditionalInfo1-5	More information	String	5 fields with additional information that you want to save along with the transaction

The function returns a data structure of type **TransactionResponse** with the following fields:

Field name	Description	Type	Comments
ShvaResponseCode	Status of SBA	Integer	The status of the response received from the Israel Defense Forces. In principle, 0 is correct, and everything else is an error. Generally, there is

			no need to check this field because you can know whether the operation was successful or not, and you can see the error using the ResponseDetails
ShvaResponseMessage	The description of the error according to the SBA.	String	
ShvaApprovalNumber	Approval number from the SBA	String	The confirmation number received from the credit company for the transaction.
CreditCard4Digits	Last 4 digits	String	Last 4 digits of the credit card
ProcessedBy		CCCompaniesEnum	Company that performed the actual settlement (the company from which we are going to receive the money next month)
Token	Token	String	The token number generated for the credit card passed to the function. This number can be saved in the system and used for making future charges
AccountingAccountCode	Accounting account code	String	If accounting account mapping has been defined, the accounting account code to which the movement must be registered
AccountingCCTypeName	Credit card type name	String	
IssuedBy	Issuing company	CCCompaniesEnum	The company that issued the credit card
TransactionID	Transaction number	Integer	A unique 8-digit ID number for this action. This number must be saved next to the transaction record in the system or on the client's website as the voucher number. This number is used later for inquiries and additional actions such as canceling the transaction
TransactionSequenceID	consecutive number	Integer	Sequence number - additional transaction ID
ReceiptTextData	Printable note	String	A text field ready to be printed as a note for the customer to sign