

*In the name of God.*

**Article No.: Ten**

**General**

**Subject:**

**Offline Banking Network in International Banking System.**

**Created by:** Peyman Ghezelbash

**Editor:** Aiyoub Jamilfar

**Translator:** Pouya Toutouchy

*(The reference language for this article is Persian and it is only translated to English language.)*

This article is only for providing some basic knowledge, definitions, and understanding at the public level and there won't be any technical terms.

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Company website and emails addresses:

**SAAYEAH CO LTD.**

Website: <https://saayeahcoltd.net>

E-Mail: [info@saayeahcoltd.net](mailto:info@saayeahcoltd.net)

Inquiry E-Mail: [inquiries@saayeahcoltd.net](mailto:inquiries@saayeahcoltd.net)

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Company Name: DEBIT TRADING LTD.

Website: <https://debittradingltd.com>

Company E-Mail: [info@debittradingltd.com](mailto:info@debittradingltd.com)

Inquiry E-Mail: [inquiries@debittradingltd.com](mailto:inquiries@debittradingltd.com)

Company Name: GAS EXTRA INC LTD.

Website: <https://gasextrainc.com>

Company E-Mail: [info@gasextrainc.com](mailto:info@gasextrainc.com)

Inquiry E-Mail: [inquiries@gasextrainc.com](mailto:inquiries@gasextrainc.com)

Company Name: SOLOMON UNIVERSAL INS & LOAN CO. LTD.

Website: <https://suilcoltd.com>

Company E-Mail: [info@suilcoltd.com](mailto:info@suilcoltd.com)

Inquiry E-Mail: [inquiries@suilcoltd.com](mailto:inquiries@suilcoltd.com)



## DTC Transactions and issuing screenshot:

In this article we will discuss about the information processed and available on the DTC screenshot and with authorization from DTCC company on server issued for the user or owner. We try to explain the codes as deep as possible (subject to public knowledge and our permission to explain) for you to understand the codes and their usage on the screenshot, also, you will understand which codes are issued automatically and which codes are inserted manually.

## Mandatory information on the screenshot:

### A. Codes in the header:

**TRANSACTION DATE:** The date of transaction execution issued by the server automatically relative to the local time and date.

**TRANSACTION LAST UPDATE DATE:** The last update time and date executed by the server relative to the local time that is issued automatically by the server. This field is not available on the transaction screenshot and it is added on the updated screenshot.

**TRANSACTION CODE:** The running transaction's code is determined randomly and automatically by the server in the relation to the server balance. In some cases, can be entered manually (with limited characters). Note that this code cannot be entered fully manually.

**TRANSFER CODE:** The running transaction's transferring code, issued in relation to the transaction type and entering port. It is issued randomly and automatically by the server and again this code cannot be entered fully manually.

Company Name: DEBIT TRADING LTD.  
Website: <https://debittradingltd.com>  
Company E-Mail: [info@debittradingltd.com](mailto:info@debittradingltd.com)  
Inquiry E-Mail: [inquiries@debittradingltd.com](mailto:inquiries@debittradingltd.com)

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Inquiry E-Mail: [inquiries@gasextrainc.com](mailto:inquiries@gasextrainc.com)

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Inquiry E-Mail: [inquiries@suilcoltd.com](mailto:inquiries@suilcoltd.com)



**REFERENCE CODE:** issued randomly and automatically based on the root **DTC** Box and related bank and money system. Note that this code cannot be entered fully manually.

**AGREEMENT NUMBER:** The contract or agreement number signed by two or more parties between sender and receiver which lead to the execution of this transaction. It is entered manually by the requesting company (sender) in the **DTC** requesting form and will show up in the screenshot of the transaction.

**Important notice:** All of the above-mentioned codes must be available on the server transactions (**IP/IP, IP/ID, DTC** and etc.) header and if it doesn't money or cash box won't be created and the transaction won't execute.

### **B. Sender information (DTC VIA SPECIAL IP TRANSFER SWIFT MESSAGE):**

This part of the screenshot is for the owner of the **DTC** box, transmitting bank and fund documents and it is one of the main parts of the transaction.

In this part, items are formed based on the **DTC** box owner information and with this, the owner (company **A**) asks the banking system to transfer the fund to the receiving company (company **B**).

**Information and items related to the transmitting bank and requesting company (Owner):**

**TRANSMITTING BANK NAME:** the bank that executes the transaction and is submitted by the owner of the **DTC**. (Manually inserted)

**TRANSMITTING BANK ADDRESS:** The executing bank's accurate address that submitted by the owner of the **DTC**. (Manually inserted)

Company Name: DEBIT TRADING LTD.

Website: <https://debittradingltd.com>

Company E-Mail: [info@debittradingltd.com](mailto:info@debittradingltd.com)

Inquiry E-Mail: [inquiries@debittradingltd.com](mailto:inquiries@debittradingltd.com)

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**TRANSMITTING BANK SWIFT OR BIC CODE:** Business Identifier or **SWIFT** code of the executing bank that submitted by the owner of the **DTC**. (Manually inserted)

**TRANSMITTING BANK OFFICER 1:** First Bank officer information (name, pin code and etc.) of the executing bank that submitted by the owner of the **DTC**. (Manually inserted)

**TRANSMITTING BANK OFFICER 2:** Second Bank officer information (name, pin code and etc.) of the executing bank that submitted by the owner of the **DTC**. (Manually inserted)

**BANK NAME:** The requesting bank of **DTC** execution's name that was submitted by the owner of the **DTC**. (Manually inserted)

**BANK ADDRESS:** The requesting bank of **DTC** execution's accurate address that submitted by the owner of the **DTC**. (Manually inserted)

**BANK SWIFT OR BIC CODE:** The requesting bank of **DTC** execution's Business Identifier or **SWIFT** code that submitted by the owner of the **DTC**. (Manually inserted)

**COMPANY NAME:** The **DTC** requesting company (company **A**) which responsible for **DTC** and the fund is owned by this company. It is submitted by the owner of the **DTC**. (Manually inserted)

**COMPANY ADDRESS:** The **DTC** requesting the company's accurate address. It is submitted by the owner of the **DTC**. (Manually inserted)

**COMPANY REG. NO.:** The **DTC** requesting company's registration number. It is submitted by the owner of the **DTC**. (Manually inserted)

Company Name: DEBIT TRADING LTD.  
Website: <https://debittradingltd.com>  
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**REPRESENTED BY:** the company's responsible person. It is submitted by the owner of the **DTC**. (Manually inserted)

**COMPANY OFFICER E-MAIL:** Company's technician e-mail address. It is submitted by the owner of the **DTC**. (Manually inserted)

**ACCOUNT NAME:** the account name registered in the requesting bank that its beneficiary is the requesting company. It is submitted by the owner of the **DTC**. (Manually inserted)

**ACCOUNT NUMBER:** the account number registered in the requesting bank that its beneficiary is the requesting company. It is submitted by the owner of the **DTC**. (Manually inserted)

**IBAN NUMBER:** the **IBAN** number of the registered account in the requesting bank that its beneficiary is the requesting company. It is submitted by the owner of the **DTC**. (Manually inserted)

**COMMON ACCOUNT NUMBER:** the common account of the requesting bank. As there can be multiple common accounts, it must be checked, it can be inserted manually. (Can be selected and entered manually)

**ACCOUNT SIGNATORY:** the account signatory name, registered in the requesting bank. It is submitted by the owner of the **DTC**. (Manually inserted)

**PASSPORT NUMBER:** the account signatory passport number. It is submitted by the owner of the **DTC**. (Manually inserted)

**PASSPORT DATE OF ISSUE:** the account signatory passport's date of issue. It is submitted by the owner of the **DTC**. (Manually inserted)

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Website: <https://debittradingltd.com>  
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Inquiry E-Mail: [inquiries@debittradingltd.com](mailto:inquiries@debittradingltd.com)

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Inquiry E-Mail: [inquiries@suilcoltd.com](mailto:inquiries@suilcoltd.com)





**PASSPORT DATE OF EXPIRY:** the account signatory passport's date of expiry. It is submitted by the owner of the **DTC**. (Manually inserted)

**BANK OFFICER NAME:** the registered account's bank officer name information. It is submitted by the owner of the **DTC**. (Manually inserted)

**BANK OFFICER E-MAIL:** the registered account's bank officer e-mail information. It is submitted by the owner of the **DTC**. (Manually inserted)

**CLIENT REFERENCE CODE:** Client reference code that is processed and issued by the server.

**CLEARING HOUSE CODE:** the settlement code of the **DTC** box that is issued after deduction of the banking fees and taxes. It is submitted by the owner of the **DTC**. (Manually inserted)

**GLOBAL SERVER ID:** unique identification number related to the requesting bank server. It is submitted by the owner of the **DTC**. (Manually inserted)

**GLOBAL SERVER IP:** unique **IP** of the requesting bank. It is submitted by the owner of the **DTC**. (Manually inserted)

**SERVER ID:** unique identification number related to the executing bank server. It is submitted by the owner of the **DTC**. (Manually inserted)

**SERVER IP:** unique **IP** of the executing bank and can be a range of **IPs**. It is submitted by the owner of the **DTC**. (Manually inserted)

**RECEIVING SERVER ID:** receiving a unique identification number related to the executing bank server. It is submitted by the owner of the **DTC**. (Manually inserted)

**RECEIVING SERVER IP:** receiving unique **IP** of the requesting bank and can be a range of **IPs**. It is submitted by the owner of the **DTC**. (Manually inserted)

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**Important notice: IP and ID** information must be accurate as they are the accurate address of the cash box from the origin to the final destination server. These are entered manually and if there are any problems the server will issue a warning.

**IDENTITY CODE:** the unique identifier of the company requesting **DTC** and it is very important, the reason for this importance is that upon the monetization of the fund, tax and banking fee reports are defined based on it. Another important usage of this code is that the owner company can prove that the **DTC** box is owned by this company and no other. It is submitted by the owner of the **DTC**. (Manually inserted)

**SORT CODE:** it is the code chosen by the European banks and financial institutes and this is a code that is used to transfer money in European Union countries. This is a 6-digit long numbers read in two digits divisions and are exclusive for **UK** and Ireland banks and show the bank and branch that the account opened in. in some cases it can be more than 6 digits. It is submitted by the owner of the **DTC**. (Manually inserted)

**WINDOWS TIME SERVER (WTS):** it is a window of time that the server issues it automatically. It is a very complex item and we will talk about this in detail in later articles.

**UNIQUE TAXPAYER REFERENCE NUMBER (UTR) CODE:** it is a unique identifying number to identify the taxpayer and shows the company as an economically active entity. It is key for the tax agent to recognize and identify all the financial transfers. It is submitted by the owner of the **DTC**. (Manually inserted)

**INPUT/OUTPUT MESSAGE ACCOUNTABILITY DATA (IMAD):** it is a unique number specified for the financial transfer issued by the **FED WIRE SERVICE** of Federal Reserve. This number is for tracking and reviewing the financial transfer. It is submitted by the owner of the **DTC**. (Manually inserted)

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Inquiry E-Mail: [inquiries@suilcoltd.com](mailto:inquiries@suilcoltd.com)



**INTERNATIONAL SECURITIES IDENTIFICATION NUMBER (ISIN):** a unique number identifying the securities structured with **ISO6166** that is a **12** character for identifying securities through the national code on the platform that it exists and used for the settlement of the deal. It is submitted by the owner of the **DTC**. (Manually inserted)

**USER NAME:** the owner of the **DTC's** username. It is submitted by the owner of the **DTC**. (Manually inserted)

**USER ID:** the owner of the **DTC's** user id number. It is submitted by the owner of the **DTC**. (Manually inserted)

**FUND TYPE:** specifies the fund type. E. g. **NS0** or **NS1** and etc. it is processed by the server.

**FARM NAME:** the executive farm that the financial resource and documents are withdrawn (**42/107**). It is processed by the server.

**CURRENCY:** the currency of the money box, ready for transfer. E. g. Euro, Dollar and etc. It is submitted by the owner of the **DTC**. (Manually inserted)

**DTC AMOUNT BALANCE:** the net amount of the **DTC** box. It is processed by the server.

In the next article, we will go through the information on the beneficiary of the **DTC**. The beneficiary is the company which all the new authorizations must be issued to their name.

End of Article Number Ten.

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Website: <https://debittradingltd.com>

Company E-Mail: [info@debittradingltd.com](mailto:info@debittradingltd.com)

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