FINISS Support Team
support@finiss.com

FINISS Monitoring Optionen

04. Oktober 2020

1. Overview

Since 2005 FINISS provide a service to download financial market data automatically into SAP over the internet via a SAP job (TBD4).

Most of these rates are „business critical" and must be uploaded on a daily basis, a failure of these downloads can have serious impacts on the workflow in SAP and wrong financial data including a data gap in Your tables.

The FINISS infrastructure is monitored and supported by the FINISS support team, they also check if the source of the rates (National Banks, Data Provider like Refinitiv, Bloomberg, FastMarkets, Platts etc.) is reachable and deliver rates.

FINISS can **NOT** check if the rates are up-to-date (updated on the same day), we process the rates "**as is**" and deliver the date stamp provided by the source.

There can be different reasons why rates are not updated on a specific day by the source:

- bank holiday in a country
- rates were delayed by the source / late published
- a financial instrument was not traded at this specific day
- a financial instrument exceeded / does not exist anymore
- a RIC/FIGI was changed or deleted
- a currency code has changed
- problems on a data provider system or a website of a National Bank

The downloads are started from the clients SAP system (download the rates from the FINISS server), the client is responsible if these downloads were successful.
If a download failed (client infrastructure or internet problems), the download must be started again.

With our new Monitoring System we are able to help the client to detect missing downloads or old (not updated) rates, this will help to avoid data gaps in your system!

2. FINISS Basis Monitoring

The Basic Monitoring check the data oft he main client portfolio if the date stamp ist he actual day. If the stamp is not ok (older date) an email is send to up to 5 client contacts.

We also check if we can see a download from the client login for the actual day in our access logs. If there is no entry it means that no rates were loaded in the client's SAP system. This download is under the responsibility of the client, if there are no downloads there will be gaps in the data history.

The reason for this can be

- Internet problems
- client IT infrastructure (Firewall problems, Proxy problems etc.)

In this case the FINISS Monitoring System will send an E-Mail (from root@finiss.com) up to 5 client contacts:

Von Mir <root@finiss.com> ☆

Betreff **FINISS Download Alert - kein Download von ▇▇▇▇▇▇ am 2020-10-04**

Kopie (CC) Mich <tsteinebach@finiss.com> ★

Portfolios für Login ▇▇▇▇▇▇ wurden am 2020-10-04 NICHT vom FINISS Server geladen

2. FINISS Basis Monitoring

3. FINISS Data Monitoring

The FINISS Data Monitoring is an add on to the Basic Monitoring, it checks the content of the portfolios! There are 2 different checks:

- Check of Fixed Content Packages (e.g. BOI Paket, RUB Paket etc)
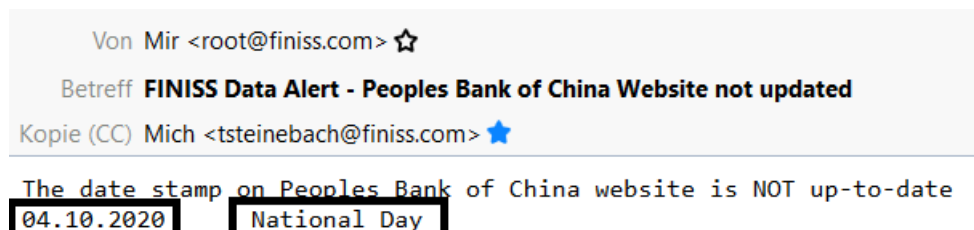- Check of Portfolios with Refinitiv or Bloomberg rates

Check of Fixed Content Packages:

The Fixed Content Packages Fixings deliver fixing rates from different National or Central Banks. These Banks publish the rates on their own internet sites, FINISS download the rates and format them into a SAP readable format.
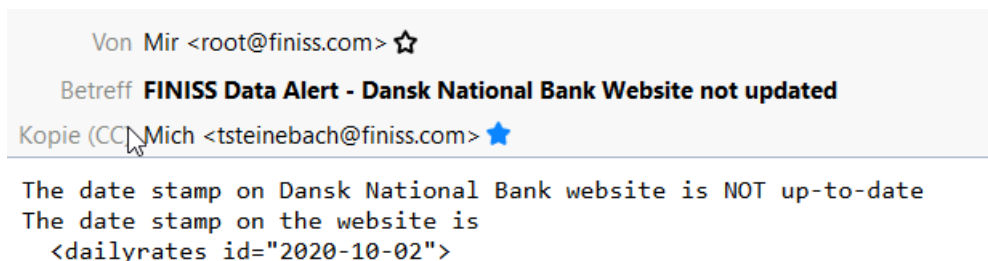
The Data Monitoring checks each client portfolio if the rates are up-to-date, if the date stamp is not ok (older date) an email is send to up to 5 client contacts.

There are 3 checks for each portfolio:

1. Check the date on the internet site oft he publisher (National Bank), if the date is not ok we check if there is a public holiday in this country. In this case we send the following email:

Von Mir <root@finiss.com> ☆
Betreff **FINISS Data Alert - Peoples Bank of China Website not updated**
Kopie (CC) Mich <tsteinebach@finiss.com> ⭐

```
The date stamp on Peoples Bank of China website is NOT up-to-date
04.10.2020        National Day
```

ife the date stamp is not ok (no holiday), the email looks like this:

Von Mir <root@finiss.com> ☆
Betreff **FINISS Data Alert - Dansk National Bank Website not updated**
Kopie (CC) Mich <tsteinebach@finiss.com> ⭐

```
The date stamp on Dansk National Bank website is NOT up-to-date
The date stamp on the website is
  <dailyrates id="2020-10-02">
```

2. Next check ist he date stamp in the client portfolio. If it is not up-to-date (public holiday or technical problems at the source or FINISS) we send an email with a list oft he outdated instruments:

```
Von  Mir <root@finiss.com> ☆
Betreff  FINISS Data Alert for ████████████ Portfolio POBC_CNY_FIXING
Kopie (CC)  Mich <tsteinebach@finiss.com> ⭐

The CNY reference rates are NOT up-to-date
USDCNYFIX= DDS MID 20201002 50016+6.81010
EURCNYFIX= DDS MID 20201002 50016+7.99410
JPYCNYFIX= DDS MID 20201002 50016+6.44290
HKDCNYFIX= DDS MID 20201002 50016+0.87872
GBPCNYFIX= DDS MID 20201002 50016+8.75770
MYRCNYFIX= DDS MID 20201002 50016+0.61032
AUDCNYFIX= DDS MID 20201002 50016+4.86270
CADCNYFIX= DDS MID 20201002 50016+5.08640
NZDCNYFIX= DDS MID 20201002 50016+4.49150
SGDCNYFIX= DDS MID 20201002 50016+4.97690
CHFCNYFIX= DDS MID 20201002 50016+7.40510
KRWCNYFIX= DDS MID 20201002 50016+171.63000
AEDCNYFIX= DDS MID 20201002 50016+0.53963
SARCNYFIX= DDS MID 20201002050016+0.55109
HUFCNYFIX= DDS MID 20201002050016+45.67550
PLNCNYFIX= DDS MID 20201002050016+0.56628
DKKCNYFIX= DDS MID 20201002050016+0.93150
SEKCNYFIX= DDS MID 20201002050016+1.31660
NOKCNYFIX= DDS MID 20201002050016+1.38180
```

3. The last check controls if the portfolio is empty (due to a changed internet site or a technical problem), if the portfolio is empty we send the following email:

```
Von  Mir <root@finiss.com> ☆
Betreff  Portfolio ████████ for Login ████████ is empty
Kopie (CC)  Mich <tsteinebach@finiss.com> ⭐

Portfolio ████████ is empty
```

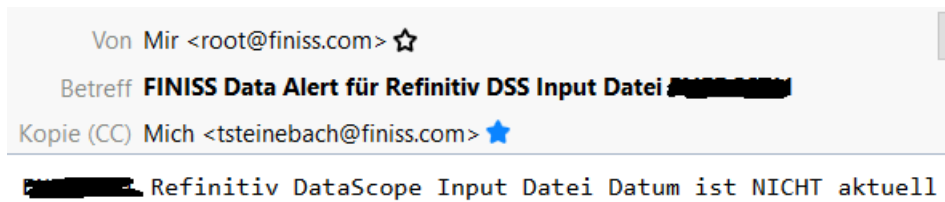All emails are also send tot he FINISS Support Team, if there is a technical problem they will contact the client!

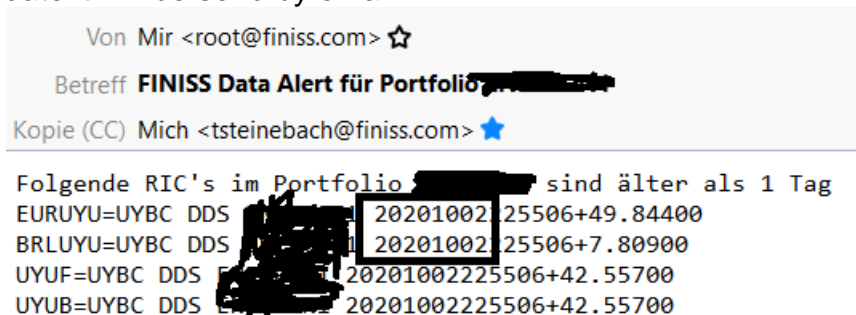## Check of Portfolios with Refinitiv or Bloomberg rates

These Checks monitor the date stamps inside a portfolio. For these source the date stamps for all included instruments (RIC's, FIGI's oder TICKER) will be checked if it is equal to the current date (updated today).

There are 3 checks for each portfolio:

1. Check if the date stamp of the input file (e.g. from Refinitiv DataScope Select) is actual, if not the following email is send:
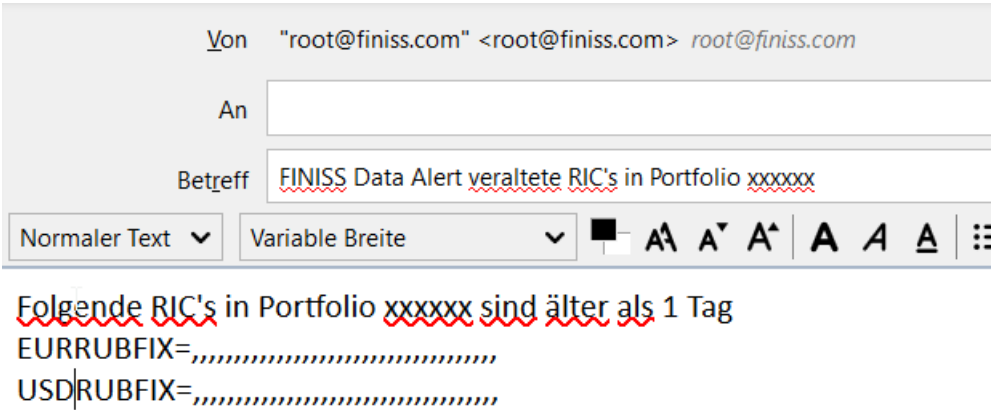

2. Check oft he date stamp for each instrument inside this portfolio. If an onstrument is not up-to-date it will be send by email:

    We can change the check to only report instruments which are older than 2 or 3 days (for instruments which are not updated daily. We also can add instruments to a blacklist, these instruments will be ignored in the check!

3. Every Friday we check the content of the Refinitiv DataScope Select input file for outdated or empty instruments (e.g. changed instrument names, changed currency codes etc). These instruments will be send in an email to the client.

Von	"root@finiss.com" <root@finiss.com> root@finiss.com
An	
Betreff	FINISS Data Alert veraltete RIC's in Portfolio xxxxxx

Normaler Text ∨ | Variable Breite ∨ | ■⁻ A̅ A̅ A̅ | A A A | ⠿

Folgende RIC's in Portfolio xxxxxx sind älter als 1 Tag
EURRUBFIX=,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
USD|RUBFIX=,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

If You have any question, please contact our Support Team under support@finiss.com