

USER JOURNEY - TRACEABILITY

Q: How Do I Monitor the Continuous Quality of my Organisation's Regulatory Output?



Regulations as drafted...

Table 4 - price information to be published as referred to in Article 4 point (b)

| | |
|-----------------------------------|--|
| simple average transaction price | |
| volume-weighted transaction price | |
| highest executed price | |
| lowest executed price | |

- (b) daily information:
- (i) simple average and volume-weighted average transaction price, if more than one transaction occurred;
 - (ii) highest executed price, if more than two transactions occurred;
 - (iii) lowest executed price, if more than two transactions occurred.
- Daily information shall be published in the format set out in Table 4 of the Annex.

REGnosys

100,000s of data points get processed every day to produce this report - This is a lot to screen!

Execution for MiFID RTS 27 Article 4 (b)

19 July 2017

| MIC (ISO 10383) | Segment Name | Average | Highest | Lowest | Weighted |
|-----------------|-----------------|---------|---------|--------|----------|
| XMTS | EUROMTS LTD | 12.34 | 14.56 | 10.22 | 11.27 |
| UKGD | UK GILTS MARKET | 110.88 | 111.79 | 110.27 | 110.31 |
| ELIX | ELIXIUM | 14.34 | 16.64 | 12.75 | 13.22 |
| ... | ... | ... | ... | ... | ... |

Items for Attention:

Regulatory Report in breach of constraints

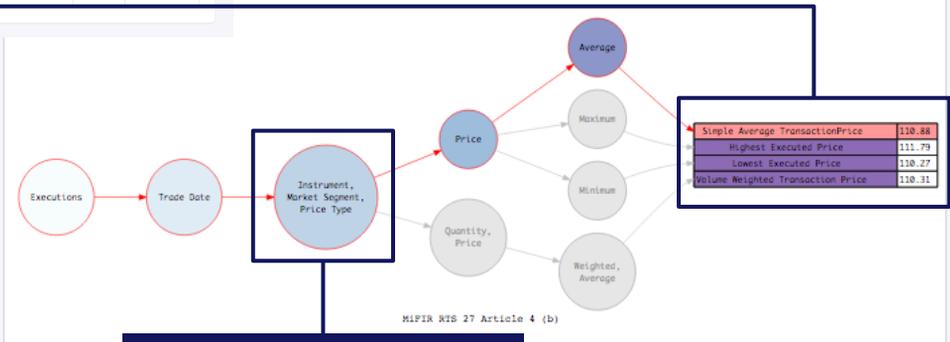
Report addressing: MiFIR RTS27 Article 4(b) on 19 July 2017 for

- Instrument: GB00B3KJQ49, Market Segment: GILT, Price Type: Yield

| Status | Item | Reference | Actual | Difference |
|--------|---|------------|------------|---------------|
| Breach | Simple Average Transaction Price within 2.5 σ of the market price on the public tape | 105.59 | 110.88 | 3.18 σ |
| Comply | Total notional traded should be within 3 σ of the 1 month moving average | 122.38 mio | 135.48 mio | 1.98 σ |
| Comply | Number of transactions within 2 σ of 1 week moving average | 35.16 | 36 | 0.24 σ |

1. Filter
I raise potential quality issues through configurable alerts

2. Trace
I can now follow the alert all the way up to the data source



3. Analyse
I identify the root cause by drilling into the data for any of these steps

Node Output

Groups: 94 groups of Execution (597,436 in total)

Grouped by: Instrument, Market Segment, Price Type

| Group | Instrument | Market Segment | Price Type | Today | Yesterday | 1 week moving average | 1 month moving average |
|-------------|------------|----------------|------------|-------|-----------|-----------------------|------------------------|
| GB00B3KJQ49 | GILT | Amount | | 36 | 22 | 27.98 | 35.16 |

See More Groups

| | Today | Yesterday | 1 week moving average | 1 month moving average |
|--------------|-------|-----------|-----------------------|------------------------|
| Total Groups | 94 | 97 | 95 | 93 |

