



# Integrated Trading and Clearing (ITaC)

Client Forum

25 April 2019

- **ITaC High Level Timeline and Key Dates**
- Early Deployment Support Model Update
- Go live cutover, Deployment & Support
- High Level Business Continuity Scenario Planning
- Client Forum Topics
- Questions

# Project ITaC Count Down

As at 25 April 2019

**2 business days**

to Go Live

on **29 April 2019**



J S III



# ITaC Key Dates



Date	Milestone
24 Apr 2019	Market Notice issued on JSE rule changes approved by FSCA
18 Mar – 18 Apr 2019	ETE Staging test environment available to clients
25 Mar – 26 Apr 2019	RTC in production available to clients extended to 26 Apr External Production Daily Run (daily reference data alignment)
26 Apr 2019	JSE EXCO Go live decision
27 – 29 Apr 2019	Go Live Weekend and Final cut-over activities
29 April 2019	Go Live Date
29 April 2019	ETE Staging Refresh (will have same production data as at SOD on 29 Apr 2019)
May 2019	CTS refresh
6 May 2019	Trader ID freeze end
17 May 2019	Enablement change freeze end

Reference Data Live

**ITaC is on track  
for go live  
29 Apr 2019**

# Key Dates – Freeze Period Reminder

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## Trader ID Freeze Period

- 6 May 2019 – TraderID freeze end

## Go Live Bedding Down Period

- 29 Apr – 17 May 2019

# Agenda

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- ITaC High Level Timeline and Key Dates
- Early Deployment Support Model Update
- **Go live cutover, Deployment & Support**
- High Level Business Continuity Scenario Planning
- Client Forum Topics
- Questions

# 26 April to 29 April – ITaC Go Live

## When

- Activities pertaining to **Go live commence on 26 April** and will largely be completed on 27 April, with some completing during batch run on 29 April
- **All JSE markets closing earlier on 26 April 2019 (except Bond ETP)**

## What

- Positions and collateral balances data take-on as at close of business 26 April
- Final client account take on (client accounts loaded in Nutron from 23-26 Apr)
- Decommissioning of EDM and FXM Derivatives markets
- Final deployment of ITaC changes to production systems
- Member (Trading and Clearing) data take-on verification and signoff
- Client connectivity tests (live connectivity tests) to all ITaC Services
  - Trading and Market Data
  - Real-Time Clearing (RTC)
  - Information Delivery Portal (IDP)

JSE

26 April – 29 April

### ITaC Go Live

- 26 Apr all markets will close early
- Nutron data take-on into ITaC services
- Data take-on verification and signoff by members
- Decommissioning of Nutron EDM and FXM
- Final ITaC deployment to production systems





# Early Market Close Timing - Reminder



## Equity Market

Name	Start Time	End Time	Segment
Closing Auction Call Session	14:50	15:00	ZA01, ZA02, ZA03, ZA06, ZA11
Closing Auction Call Session	15:00	15:10	ZA12
Closing Price Publication Session	14:49	14:50	ZA04
Closing Price Publication Session	15:00	15:05	ZA01, ZA02, ZA03, ZA06, ZA11
Closing Price Publication Session	15:10	15:15	ZA12
Closing Price Cross Session	15:05	15:10	ZA01, ZA02, ZA03, ZA06, ZA11
Closing Price Cross Session	15:15	15:20	ZA12
EOD Volume Auction Session	15:10	15:15	ZA01, ZA02, ZA03, ZA06
Post Close Session	14:50	16:15	ZA04
Post Close Session	15:15	16:15	ZA01, ZA02, ZA03, ZA06
Post Close Session	15:20	16:15	ZA12
Post Close Session	15:10	16:15	ZA11
Trade Reporting Session	08:00	16:15	ZA01, ZA02, ZA03, ZA04, ZA06, ZA11, ZA12
Market End		18:30	ZA01, ZA02, ZA03, ZA04, ZA06, ZA11, ZA12

For full details refer to [Market Notice 104B](#)

# Early Market Close Timing - Reminder



## Equity Derivatives

Session	Times
Mark to Market	15:00 – 15:05
Market Close	15:30
Administration Period (trade reporting and deal management)	15:30 – 16:30
Market Offline (only file downloads allowed)	16:30 – 18:30

## Commodity Derivatives (Grain products unchanged)

Session	Times
Mark to Market	11:55 - 12:00
Market Close	12:00
Administration Period (trade reporting and deal management)	12:00 - 14:30
Market Offline (only file downloads allowed)	14:30 – 18:30

For full details refer to [Market Notice 104B](#)

# Early Market Close Timing - Reminder



## Global Market

<b>Open order period</b>	<b>08:50 - 08:59</b>
<b>Mark to Market</b>	Valuation at 15:00 and release at 15:20 (no early valuations)
<b>Market Close</b>	15:00
<b>Administration Period (trade reporting and deal management)</b>	15:00 - 15:15
<b>Market Offline (only file downloads allowed)</b>	15:15 – 18:30

## Currency Derivatives

<b>Administration Period</b>	<b>08:00 - 09:00</b>
<b>Mark to Market</b>	Valuation at 15:00 and release at 15:15 (no early valuations)
<b>Administration Period (trade reporting and deal management)</b>	15:00 - 16:00
<b>Market Offline (only file downloads allowed)</b>	16:00 – 18:30

For full details refer to [Market Notice 104B](#)

# Early Market Close Timing - Reminder



## Interest Rate Derivatives

<b>Administration Period</b>	<b>08:00 - 09:00</b>
<b>Market Open</b>	09:00
<b>Continuous Trading and Trade Reporting</b>	09:00 - 15:00
<b>Market Close</b>	15:00
<b>Mark to Market</b>	Valuation at 15:00 and release at 15:30 (no early valuations)
<b>Administration Period (trade reporting and deal management)</b>	15:00 - 16:00
<b>Market Offline (only file downloads allowed)</b>	16:00 – 18:30

## Interest Rate Cash Market

<b>Market Open</b>	<b>07:00</b>
<b>Continuous Trading and Trade Reporting</b>	07:00 - 15:00
<b>Same day settlement window end</b>	12:00
<b>Market Close</b>	15:00
<b>Mark to Market</b>	Valuation at 15:00 and release at 15:05 (no early valuations)
<b>Market Offline (only file downloads allowed)</b>	15:00 – 18:30

For full details refer to [Market Notice 104B](#)

# Overall Go-live Weekend - 26 to 29 April 2019



Thurs	Fri	Sat	Sun	Mon
<p><b>25</b></p> <div data-bbox="19 399 309 1099" style="border: 1px solid black; border-radius: 15px; padding: 10px; background-color: #ADD8E6;"> <p><b>Should have proved PRODUCTION connectivity to your SIP and the JSE</b> e.g. Traders MUST login to their new front-end to confirm credentials in place</p> </div>	<p><b>26</b></p> <div data-bbox="338 378 782 492" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #D3D3D3;"> <p>All Markets Trading Schedules adjusted</p> </div> <div data-bbox="338 521 782 635" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #90EE90;"> <p>~15h00 Notice on Go/No Go Decision</p> </div> <div data-bbox="338 664 782 778" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #D3D3D3;"> <p>All markets closing earlier - see <a href="#">Notice 104B</a></p> </div> <div data-bbox="338 821 782 935" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #FFDAB9;"> <p>~ 16h30 Derivative Market batches and EOD balancing</p> </div> <div data-bbox="338 978 782 1092" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #90EE90;"> <p>~18h00 Other JSE services normal batch</p> </div> <div data-bbox="338 1135 782 1206" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #D3D3D3;"> <p>JSE BACKUPS</p> </div> <div data-bbox="338 1235 782 1378" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #ADD8E6;"> <p>~18h00 start cut-over and data migration take-on activities for ITaC</p> </div>	<p><b>27</b> Cut-over continues... ~6am publish <b>FINAL CSV files, mapping spreadsheet and EDM &amp; FXM Friday EOD Closing Price spreadsheet</b></p> <div data-bbox="821 492 1323 549" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #D3D3D3;"> <p>JSE BACKUPS</p> </div> <div data-bbox="821 571 1323 721" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #ADD8E6;"> <p>09h00 – 12h00 SIPs &amp; Directly connected TMs Login to Trading &amp; RTC and align data to JSE</p> </div> <div data-bbox="821 742 1323 871" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #FFDAB9;"> <p>09h00 – 12h00 CMs Login to Trading &amp; RTC and align data to JSE</p> </div> <div data-bbox="821 892 1323 1013" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #6A5ACD;"> <p>12h00 – 15h00 CM Data verification and connectivity signoff to JSE</p> </div> <div data-bbox="821 1028 1323 1149" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #FF69B4;"> <p>12h00 – 15h00 TM Data verification and connectivity signoff to JSE</p> </div> <div data-bbox="821 1163 1323 1278" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #D3D3D3;"> <p>JSE Nutron EDM and FXM Decommissioning activities commence</p> </div> <div data-bbox="821 1299 1323 1413" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #90EE90;"> <p>Service Hotline JSE Go Live completion confirmation to clients</p> </div>	<p><b>28</b></p>	<p><b>29</b></p> <div data-bbox="1477 335 1903 506" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #D3D3D3;"> <p>06h00 Technical support on site: TMs, CMs, SWPs, SIPs &amp; Info Subscribers.</p> </div> <div data-bbox="1477 528 1903 635" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #D3D3D3;"> <p>06h00 All Technical Interfaces Logged In</p> </div> <div data-bbox="1477 656 1903 763" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #FFDAB9;"> <p>07h45 All TM and CM business users logged in</p> </div> <div data-bbox="1477 785 1903 921" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #90EE90;"> <p>Normal Market Start for all JSE Markets as per Trading &amp; RTC schedules</p> </div> <div data-bbox="1323 935 1719 1006" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #FF4500; color: white;"> <p>Business Users Onsite</p> </div> <div data-bbox="1323 1049 1719 1120" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #FF4500; color: white;"> <p>Business Users Onsite</p> </div> <p style="text-align: right;">All times SAST and are approx.</p>

# Trading Member Activities - 26 to 29 April 2019



Thurs	Fri	Sat	Sun	Mon
<p><b>25</b></p> <div style="border: 1px solid black; border-radius: 15px; background-color: #ADD8E6; padding: 10px; margin-bottom: 10px;"> <p><b>Should have proved PRODUCTION connectivity to your SIP and the JSE</b> e.g. Traders <b>MUST</b> login to their new front-end to confirm credentials in place</p> </div> <p>All times SAST and are approx.</p>	<p><b>26</b></p> <div style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px; margin-bottom: 5px;"> <p>All Markets Trading Schedules adjusted</p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px; margin-bottom: 5px;"> <p>~15h00 Notice on Go/No Go Decision</p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px; margin-bottom: 5px;"> <p>All markets closing earlier - see <a href="#">Notice 104B</a></p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #DDA0DD; padding: 5px; margin-bottom: 5px;"> <p>~16h00 Note your Hold Over orders</p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #DDA0DD; padding: 5px; margin-bottom: 5px;"> <p>16h30 - 18h30 Perform API/Nutron Downloads (used for data verification on 27 Apr)</p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px; margin-bottom: 5px;"> <p>~16h30 – 18h30 JSE Derivative Market batches and EOD balancing</p> </div> <p>~18h30 TMs can start internal deployment activities for ITaC</p>	<p><b>27</b> JSE Cut-over continues... ~6am publish <b>FINAL CSV files, mapping spreadsheet and EDM &amp; FXM Friday EOD Closing Price spreadsheet</b></p> <div style="border: 1px solid black; border-radius: 10px; background-color: #ADD8E6; padding: 5px; margin-bottom: 5px;"> <p>9h00 – 12h00 SIPs &amp; Directly connected TMs Login to Trading and RTC and align data to JSE</p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #DDA0DD; padding: 5px; margin-bottom: 5px;"> <p>12h00 – 12h30 Traders login &amp; prove connectivity to new Trading Front-end <b>and give signoff to JSE</b> – NO TRANSACTION DATA needed</p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #DDA0DD; padding: 5px; margin-bottom: 5px;"> <p>12h30 – 15h00 TM Data verification of account and positions &amp; <b>signoff to JSE</b></p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px; margin-bottom: 5px;"> <p>JSE Nutron EDM and FXM Decommissioning activities commence</p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px;"> <p>Service Hotline JSE go live completion confirmation to clients</p> </div>	<p><b>28</b></p>	<p><b>29</b></p> <div style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px; margin-bottom: 5px;"> <p>Latest 06h00 Technical support on site. All TMs' Technical interfaces logged in</p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #DDA0DD; padding: 5px; margin-bottom: 5px;"> <p>Latest 07h45 All Traders logged in</p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px; margin-bottom: 5px;"> <p>08h00 - FXM &amp; EDM Trade Reporting Start</p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px; margin-bottom: 5px;"> <p>08h15 – 08h30 EDM Open Auction</p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px; margin-bottom: 5px;"> <p>08h30 EDM Continuous Trading Start</p> </div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px;"> <p>09h00 FXM Continuous Trading Start</p> </div>

Traders and Business Users Onsite

# Trading Member Activities - 26 to 29 April 2019

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- **Additional reminders for Trading Members:**

- **Friday - 26 April 2019**

- 16h30 – 18h30: download all Nutron Positions and client/sub accounts if required for verification on Saturday
- Note any hold over orders that may need to be resubmitted on Monday into the systems (view via active orders window)

- **Monday - 29 April 2019**

- Reminder of existing cut off for zero fee requests is 18h00 (ITaC EOD is fully automated and will not be held back)
- Please note that the JSE will not extend trading and/or deal management times unless there are exceptional market wide circumstances
- Important information on:
  - Valuations - please refer to *JSE Service Hotline 85/2019* issued on 24 Apr 2019
  - User created instruments - please refer to *JSE Service Hotline 86/2019* issued on 24 Apr 2019
- Nutron for EDM and FXM will be available on Monday in Download Only mode so clients can access

# Clearing Member Activities - 26 to 29 April 2019



Thurs	Fri	Sat	Sun	Mon
<p><b>25</b></p> <div style="border: 1px solid black; border-radius: 15px; background-color: #ADD8E6; padding: 10px; margin: 10px;"> <p><b>Should have proved PRODUCTION connectivity to the JSE</b> e.g. Users <b>MUST</b> login to GCMS to confirm credentials in place</p> </div> <p>All times SAST and are approx.</p>	<p><b>26</b></p> <div style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px; margin-bottom: 5px;">All Markets Trading Schedules adjusted</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px; margin-bottom: 5px;">~15h00 Notice on Go/No Go Decision</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px; margin-bottom: 5px;">All markets closing earlier - see <a href="#">Notice 104B</a></div> <div style="border: 1px solid black; border-radius: 10px; background-color: #FFDAB9; padding: 5px; margin-bottom: 5px;">16h30-18h30 Perform API/Nutron Downloads (data verification on 27 Apr)</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px; margin-bottom: 5px;">~16h30 – 18h30 Derivative Market batches and EOD balancing</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px; margin-bottom: 5px;">~18h30 Other JSE services normal batch</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px; margin-bottom: 5px;">~18h30 CMs start deployment activities for ITaC</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #FFDAB9; padding: 5px;">~22h00 MTM and Spot Prices alignment between Nutron/ITaC</div>	<p><b>27</b></p> <div style="border: 1px solid black; border-radius: 10px; background-color: #ADD8E6; padding: 5px; margin-bottom: 5px;">Cut-over continues... ~6am publish <b>FINAL CSV files, mapping spreadsheet and EDM &amp; FXM Friday EOD Closing Price spreadsheet</b></div> <div style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px; margin-bottom: 5px;">09h00 CMs clean out activities RTC on 26 Apr</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #FFDAB9; padding: 5px; margin-bottom: 5px;">09h00 - CMs Login to Trading &amp; RTC and align data to JSE</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #FFDAB9; padding: 5px; margin-bottom: 5px;">~09h30 – Run EOD 26 Apr ALL TICKS no BALANCING 09h45 – Run Mkt rates, Positions &amp; settlement take-on ~11h00 – CM take on scripts other <b>SEE DETAILED CHECKLIST</b></div> <div style="border: 1px solid black; border-radius: 10px; background-color: #6A5ACD; padding: 5px; margin-bottom: 5px;">12h00 – 15h00 CM Data verification <b>and signoff to JSE</b></div> <div style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px; margin-bottom: 5px;">JSE Nutron EDM and FXM Decommissioning activities commence</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px;">Communication JSE go live completion confirmation to clients</div>	<p><b>28</b></p>	<p><b>29</b></p> <div style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px; margin-bottom: 5px;">06h00 Technical support on site</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px; margin-bottom: 5px;">06h00 All Technical Interfaces Logged In</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #DDA0DD; padding: 5px; margin-bottom: 5px;">07h45 All GCMS business users logged in</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px; margin-bottom: 5px;">~07h30 26 Apr Settlement</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px; margin-bottom: 5px;">08h00 - FXM &amp; EDM Trade Reporting Start</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px; margin-bottom: 5px;">08h15 – 08h30 EDM Open Auction</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px; margin-bottom: 5px;">08h30 – EDM Continuous Trading Start</div> <div style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px;">09h00 – FXM Continuous Trading Start</div>

**CM Business Users Onsite**



# Member Data Verification Sign-off **NB!! 27 Apr 2019**



- **On Saturday 27 April, Trading and Clearing Members must provide sign-off** on the **account, opening positions** and **collateral (margin) balances** take-on performed by the JSE as part of the final ITaC go live weekend activities
- This form needs to be **signed and submitted to the JSE** by the appropriate responsible **representative(s)** within the Trading or Clearing Member firm

**Note: All data verification queries need to be logged with your SIP and CSC and be resolved on Saturday, 27 April 2019 during the data verification period.**  
**Do not forget to submit sign-off sheets to JSE ASAP on 27 April**

## Take-on data to be signed off includes:

1. Sub Accounts
2. Client Accounts and Tripartites
3. Positions
4. Cash accounts (Member cash accounts and foreign clients)
5. Additional margin setups
6. Cash collateral balances (Clearing Members only)

**NB: To understand DATA  
MIGRATION PROCESS AND TAKE-ON  
RULES**

**view the [Guidance Note  
ITaC Guidance Note on Data take-on  
for EDM and FXM.pdf](#)**

# Trading and Clearing Member Sign-off



<b>NAME OF TRADING / CLEARING MEMBER:</b>	
<b>NAME OF AUTHORISED REPRESENTATIVE:</b>	
<b>DESIGNATION OF REPRESENTATIVE:</b>	
<b>DATE:</b>	/ / 2019
<b>SIGNATURE:</b>	



Click here  
to download  
Signoff sheet

DATA TO BE VERIFIED	VERIFICATION BY	DESCRIPTION	VERIFIED	COMMENTS (IF NECESSARY)
Cash Collateral Balances	Clearing Members Only	Verify cash collateral balances at a member and client level		
Positions	Trading and Clearing Members	Verify position take-on at member and client level		
Position Accounts	Trading and Clearing Members	Verify take-on of position accounts including member and client sub accounts		
Clients	Trading and Clearing Members	Verify member client take-on		
Tripartite Agreements	Trading and Clearing Members	Verify tripartite take-on		
Cash Accounts (Member and Foreign Clients)	Trading and Clearing Members	Verify cash accounts loaded for members and member clients		
Additional Margin Setup	Trading and Clearing Members	Verify any additional margin requirements		



Click and Return  
completed  
signoff  
Sheet to  
ITaC@jse.co.za

# Live Information Subscriber Activities - 26 to 29 April 2019



Thurs	Fri	Sat	Sun	Mon
<p><b>25</b></p> <div data-bbox="19 399 309 1099" style="border: 1px solid black; border-radius: 15px; background-color: #ADD8E6; padding: 10px;"> <p><b>Should have proved PRODUCTION connectivity to your SIP and the JSE</b> e.g. Real-time Info subscribers <b>MUST</b> confirm multicast data flow and if possible login to <b>REPLAY/RECOVERY</b> services</p> </div> <p>All times SAST and are approx.</p>	<p><b>26</b></p> <div data-bbox="338 357 782 456" style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px;"> <p>All Markets Trading Schedules adjusted</p> </div> <div data-bbox="338 478 782 585" style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px;"> <p>~15h00 Notice on Go/No Go Decision</p> </div> <div data-bbox="338 614 782 735" style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px;"> <p>All markets closing earlier - see <a href="#">Notice 104B</a></p> </div> <div data-bbox="338 985 782 1170" style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px;"> <p>~16h30 – 18h30 JSE Derivative Market batches and EOD balancing</p> </div> <div data-bbox="338 1206 782 1335" style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px;"> <p>~18h30 Real-time info subscribers can start internal deployment activities for ITaC</p> </div>	<p><b>27</b> JSE Cut-over continues... ~6am publish <b>FINAL CSV files, mapping spreadsheet and EDM &amp; FXM Friday EOD Closing Price spreadsheet</b></p> <div data-bbox="811 556 1323 778" style="border: 1px solid black; border-radius: 15px; background-color: #FFB6C1; padding: 10px;"> <p>12h00 – 15h00 Live Info Subscribers login &amp; prove multicast heartbeats only and <b>REPLAY/RECOVERY</b> connectivity – <b>NO TRANSACTION DATA</b> needed</p> </div> <div data-bbox="811 792 1323 1078" style="border: 1px solid black; border-radius: 15px; background-color: #FFB6C1; padding: 10px;"> <p>12h00 – 15h00 Live Info Subscribers Verify reference Data &amp; previous day's closing prices as at close of business Friday 26 April has been converted into ITaC (including contract codes)</p> </div> <div data-bbox="811 1099 1323 1235" style="border: 1px solid black; border-radius: 10px; background-color: #D3D3D3; padding: 5px;"> <p>JSE Nutron EDM and FXM Decommissioning activities commence</p> </div> <div data-bbox="811 1256 1323 1392" style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px;"> <p>Service Hotline JSE go live completion confirmation to clients</p> </div>	<p><b>28</b></p>	<p><b>29</b></p> <div data-bbox="1477 349 1903 685" style="border: 1px solid black; border-radius: 15px; background-color: #D3D3D3; padding: 10px;"> <p>Latest 06h00 Technical support on site. All Live Info Subscribers confirm receipt of start of day reference data receipt and heartbeats</p> </div> <div data-bbox="1468 699 1883 756" style="border: 1px solid black; border-radius: 10px; background-color: #FF4500; color: white; padding: 5px; text-align: center;"> <p>Live Info Subscribers Onsite</p> </div> <div data-bbox="1468 963 1903 1063" style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px;"> <p>08h00 - FXM &amp; EDM Trade Reporting Start</p> </div> <div data-bbox="1468 1078 1903 1178" style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px;"> <p>08h15 – 08h30 EDM Open Auction</p> </div> <div data-bbox="1468 1192 1903 1292" style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px;"> <p>08h30 – EDM Continuous Trading Start</p> </div> <div data-bbox="1468 1306 1903 1406" style="border: 1px solid black; border-radius: 10px; background-color: #90EE90; padding: 5px;"> <p>09h00 – FXM Continuous Trading Start</p> </div>

# Non-Live Information Subscriber Checklist

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- **Non-Live Information Subscribers**

- Verify reference data (as at close of business on **Friday, 26 April 2019**) has been correctly converted into ITaC - this verification should include Contract Codes
- Final data record subscriptions are now in place
- Final verification to the NLMD production folders in prep for the weekend
- **On weekend of go-live:**
  - Verify that all new/changed data file processing routines are in place to point to new Edxx.zip data files via new production folder and not to current website reports/files and/or current data records
  - For subscribers that process current IRC data records for Interest Rate Derivatives data - verify that these routines will continue to process current IR.zip data file but excluding Currency Derivatives data

# Summary Production Service Schedule



	Start Of Trading	Opening Auction Call	Continuous Trading	Post Close
EDM	07:00 - 08:15	08:15 - 08:30	08:30 - 17:30	17:30 - 18:30
FXM	07:00 - 09:00		09:00 - 17:00	17:00 - 18:30
EDM Trade Reporting	08:00 – 18:30			
FXM Trade Reporting	08:00 – 18:30			
EDM Deal Mgmt	08:00 – 18:30			
FXM Deal Mgmt	08:00 – 18:30			
RTC EOD	From 18:30 onwards			
RTC CM Balancing 1	18:50			
RTC CM Balancing 2	19:20			
Post EOD	22:00			
EDM & FXM Derivatives NLMD records	20:30 (see detailed specs for all SLAs per record type)			
Client CSV and Trader ID files	~22:30			

**Note: ITaC SLA's post go live during the bedding down period may not be met due to additional manual verification steps being included**

# Go live Reminders



**MONITOR GO LIVE STATUS:** Communication updates via this link and key updates via SMS

- <https://www.jse.co.za/services/technologies/market-communications>

**ALL DOCUMENTATION:** Available on the ITaC webpage

- <https://www.jse.co.za/services/itac#OtherDocumentation>
- [Data verification signoff sheet](#)
- Instrument Mapping Spreadsheets

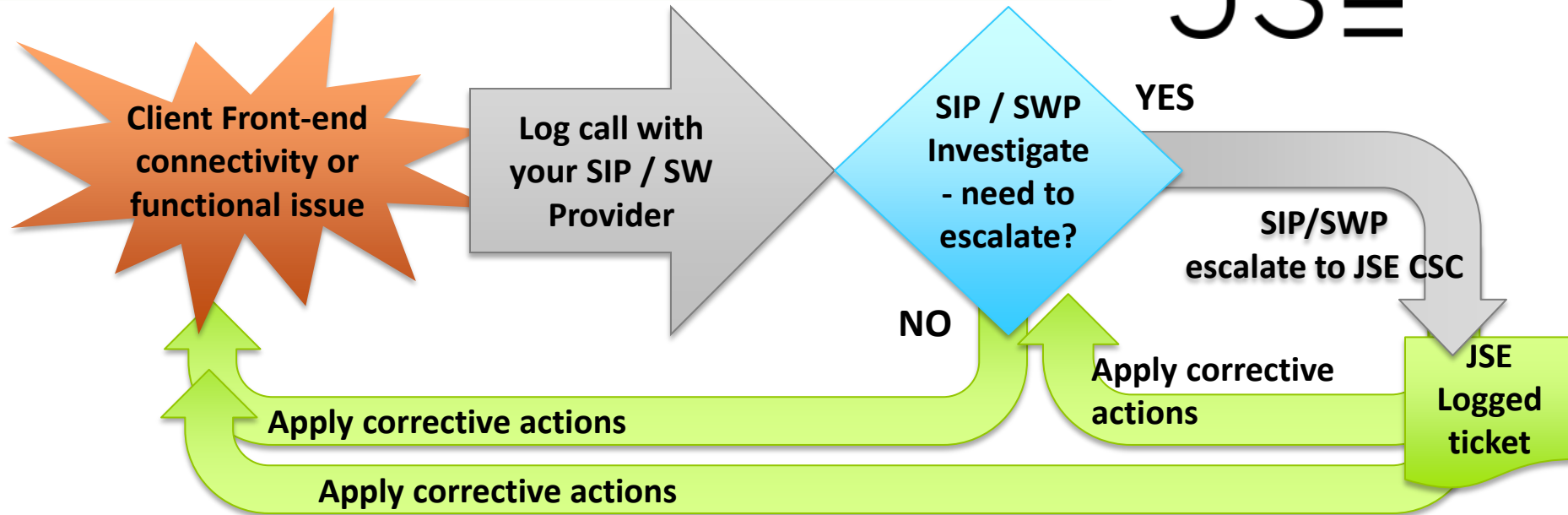
**GO LIVE SUPPORT:** All queries should be directed to CSC

- Derivatives instrument closing price file (as at COB Fri, 26 April 2019)
- +27 11 520 7777 or [customersupport@jse.co.za](mailto:customersupport@jse.co.za)
- Clearing Members to contact Clear Ops ([Clearops@jse.co.za](mailto:Clearops@jse.co.za)) for any issues related to balancing

## COMMS OVER GO LIVE WEEKEND

- **Friday 26 April 2019**
  - Approx 07h00 – reminder of all markets (except Bond ETP) closing earlier on 26 April 2019
  - Approx 15h00 - communication of the JSE EXCO Go Live Decision
- **Saturday 27 April 2019**
  - Confirmation of the publication of the final CSV files and mapping spreadsheet and EDM & FXM Friday EOD Closing Price spreadsheet. Clients can connect and conduct data alignment and position verification.
  - Confirmation of completion of go live activities
  - Decommissioning of Nutron commences on Saturday post client signoff of ITaC data take on

# First Line Support



## 1<sup>st</sup> Line Support - Shared Infrastructure Provider (SIP) or Software Provider (SWP)

- Contact your SIP and/or SWP first to report the issue encountered
- Your service provider will trouble shoot and investigate and **if necessary** escalate/log a call with the JSE CSC

## 1<sup>st</sup> Line Support – JSE Client Service Centre (CSC)

- Contact us on [CustomerSupport@jse.co.za](mailto:CustomerSupport@jse.co.za) or +27 11 520 7777
- **NOTE Clearing Members:** - issues with balancing need to be directed to ClearOps as per standard logging process

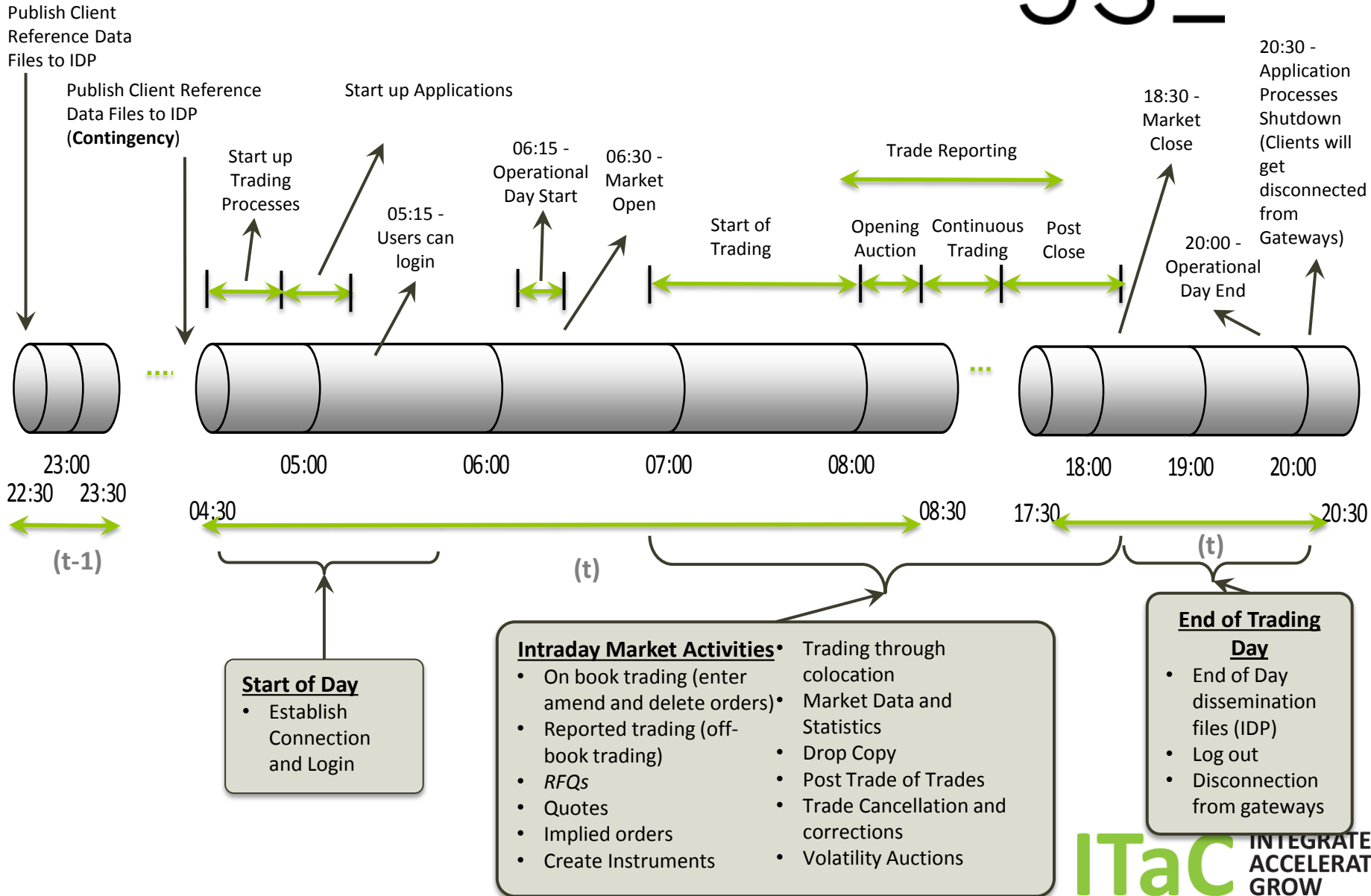


- **Appendix A**

- Daily trading life cycle
- EDM System reminders
- FXM System Reminders
- Clearing EOD process

# Daily Trading Lifecycle

## Timeline of a trading day



# EDM Trading System Reminders

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## 1. Trading Sessions

- New “Start of Trading” session
- Opening Auction extended by 5 min

## 2. Order Types

- **Enabled** for Go Live: *Limit Orders and Stop Limit Orders*
- **Disabled** for Go Live: *Market Orders, Stop Orders, Market if Touched and Market to Limit orders*

## 3. Trade Types

- AT (On Book) – Automated Trade
- UT (On Book) – Uncrossing Trade
- NT (Off Book) – Negotiated Trade
- SR (Off Book) – Strategy Trade
- RT (Off Book) – Roll Trade
- CD (Off Book) – CFD Trade

## 4. Circuit Breaker Levels triggering volatility auctions – On Book

- Index Futures: 5% (Static); 1% (Dynamic)
- SSFs: 8% (Static); 4% (Dynamic)

# EDM Trading System Reminders (cont.)

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## 5. Price Bands – Off Book

- Price Band: 4%
- The price bands do not limit the matching of Off Book trades that may breach the thresholds set
- Trading Members and Clearing Members involved will be notified via a flag on the trade message if the price band has been breached.

## 6. Implied Order Creation

- **Enabled** for Go Live: Implied “In” and “Out”
- **Disabled** for Go Live; Implied “Across”

## 7. Published volatility on off book SSF and Index Option trades

- Thresholds no longer applicable as all trade information (including the volatilities) is published via the trading market data gateways.

## Nutron Decommissioning

- EDM will no longer be accessible on Nutron post ITaC go live on 8 April 2019
- **Day 1:** Members will still be able to log into Nutron but will not be able to perform any trading functions i.e. will only be able to access download files applicable for the previous trading day (Print/Transfer)
- **Day 2:** Members will still be able to log into Nutron, but will not be able to access or download any of the files, via the print/transfer functionality

# FXM Trading System Reminders

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## 1. Trading Sessions

- New “Start of Trading” session
  - 07h00 – 08h00 - View open orders, view expired orders
  - 08h00 – 18h30: Trade reporting
- Extended closing time of the deal management and trade reporting session to 18h30

## 2. Order Types

- **Enabled** for Go Live: *Limit Orders and Stop Limit Orders*

## 3. Trade Types

- AT (On Book) – Automated Trade
- NT (Off Book) – Negotiated Trade
- SR (Off Book) – Strategy Trade
- RT (Off Book) – Roll Trade

## 4. Price Bands – On Book

- This is the tolerance defined as a percentage in relation to the Static Reference Price (previous days closing price)
- These limit entry of an order (order rejected) as well as an amended order that may breach the threshold that has been set in the trading system
- Price Band: 8%

# FXM Trading System Reminders (cont.)

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## 5. Price Bands – Off Book

- Price Band: 4%
- The price bands do not limit the matching of Off Book trades that may breach the thresholds set
- Trading Members and Clearing Members involved will be notified via a flag on the trade message if the price band has been breached.
- Trades will be accepted and Clearing Member notified

## 6. Implied Order Creation

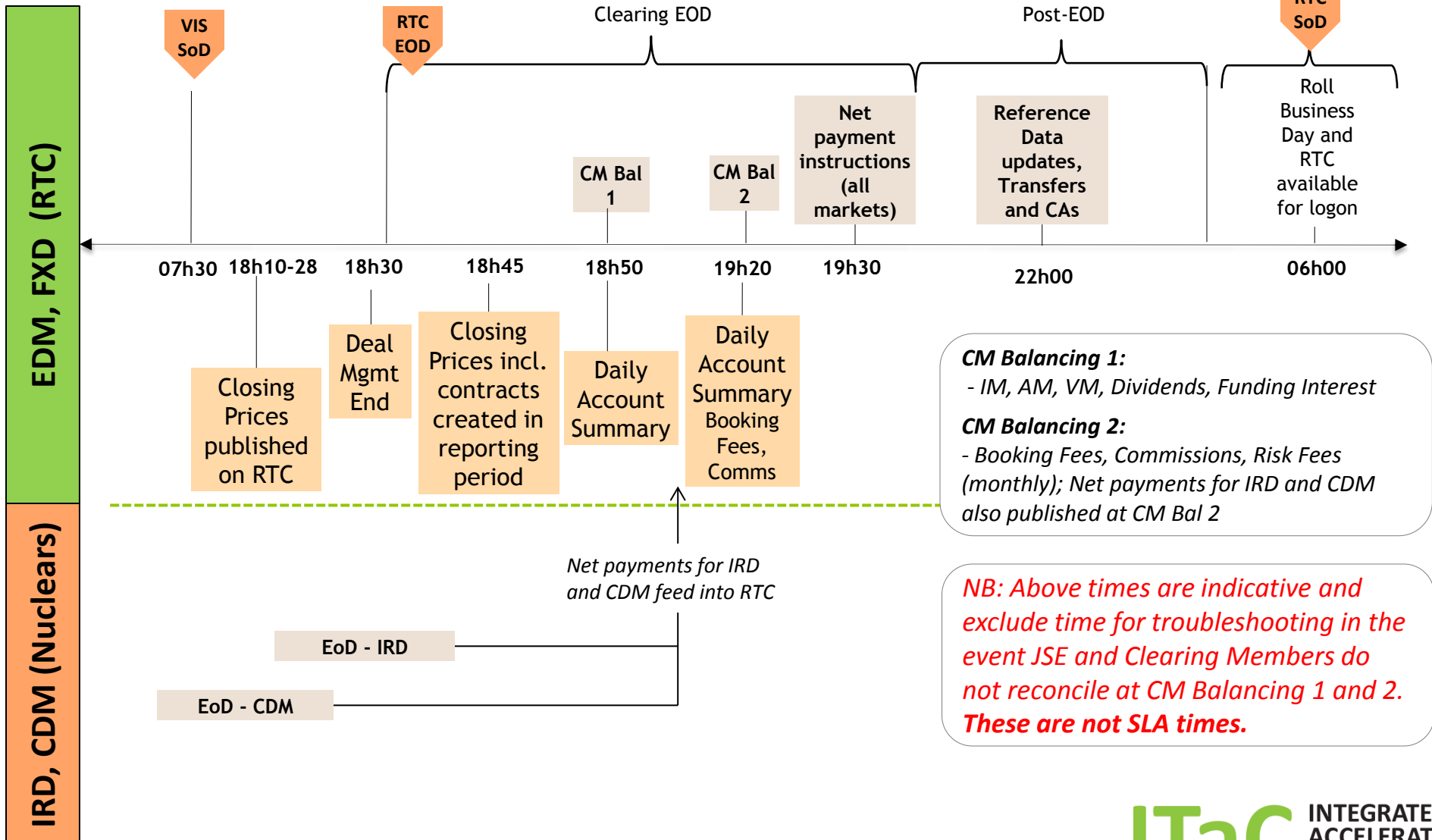
- **Enabled** for Go Live: Implied “In” and “Out”
- **Disabled** for Go Live; Implied “Across” (across different calendar spreads)

## Nutron Decommissioning

- The Currency Derivatives Market will no longer be accessible on Nutron post ITaC go live on 8 April 2019
- **Day 1:** Members will still be able to log into Nutron but will not be able to perform any trading functions i.e. will only be able to access download files applicable for the previous trading day (Print/Transfer)
- **Day 2:** Members will still be able to log into Nutron, but will not be able to access or download any of the files, via the print/transfer functionality

# Clearing EOD Processes

## EOD processes and timings



# Questions?



Please refer all queries to the  
JSE Client Service Centre (CSC)



[CustomerSupport@jse.co.za](mailto:CustomerSupport@jse.co.za)



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