

TECHNICAL CHANGE CALENDAR

Note: This table is a summary of recent Trade Desk notices that impact Client-facing interfaces. For a list of all Trade Desk notices, please visit www.markets.cboe.com/alerts. This calendar may be subject to change to be notified in accordance with the relevant service agreement in place.

Effective Production Date	Mandatory or Optional Change for Users of Service	Description	TD Reference	Effective Certification Date	Specification Link	Product Category	Interface
1st April 2019	Mandatory	Brexit Mandatory Technical Changes	Release Note 152141	26 November 2018	Brexit Technical Changes Guidance Note	Orderbook Trading, On-Exchange and Off-Exchange Trade reporting, Market Data, Reference Data, WEB	FIX,BOE,PITCH, Symbol Data CSV, WEB GUI
15th Feb 2019	Mandatory	Trading Venue Segregation on Multicast PITCH	Release Note 155810	N/A	Brexit Technical Changes Guidance Note	Market Data	MC Pitch
15th Feb 2019	Mandatory	Brexit Mandatory Technical Changes - Upcoming TCP PITCH Changes	Release Note 155747	26 November 2018	Brexit Technical Changes Guidance Note	Market Data	TCP Pitch
15th Feb 2019	Mandatory	Redistribution of Symbols between Units	Release Note 152141	26 November 2018	Brexit Technical Changes Guidance Note	Orderbook Trading, On-Exchange and Off-Exchange Trade reporting, Market Data, Reference Data, WEB	FIX,BOE,PITCH, Symbol Data CSV, WEB GUI

RECENT CHANGES

Effective Production Date	Mandatory or Optional Change for Users of Service	Description	TD Reference	Effective Certification Date	Specification Link	Product Category	Interface
30 November 2018	Mandatory	Smart Order Routing (SOR) Service Termination	N/A	01 October 2018	Cboe Europe Technical Specifications	On-Exchange and Off-Exchange Trade reporting	FIX,BOE
09 November 2018	Mandatory	Change to TCR TradeReportID validation	Release Note 150430	01 October 2018	Cboe Europe Technical Specifications	On-Exchange and Off-Exchange Trade reporting	FIX,BOE
05 November 2018	Mandatory	Addition of 3 new markets	Release Note 149857	20 September 2018	Cboe Europe Technical Specifications	Order Book Trading, On-Exchange Trade Reporting	FIX,BOE,PITCH
12 October 2018	Optional	Marketable Order Lock feature	Release Note 149547	14 September 2018	Periodic Auctions Guidance Note	Order Book Trading	FIX,BOE
28 September 2018	Mandatory	Changes to Symbol Reference File	Release Note 148237	27 August 2018	Reference Data Specification	Reference Data	Symbol Data CSV