TO:	Montréal Exchange (MX) Participants
FROM:	MX Technical Support
OBJECT:	**Production Network Maintenance (Firewall Upgrade) & Recommended Testing**
DATE:	June 25, 2015

In our ongoing efforts to maintain the highest possible standards of network and trading infrastructure, the TMX Group will be performing an upgrade to the existing customer facing firewall on the TMX Extranet Network, thus impacting clients of the Bourse de Montréal Inc. (the "**Bourse**"). This upgrade will **not** involve any client-side changes and is required to be performed over two separate weekends.

On Saturday, May 23, 2015, TMX Network Services upgraded the firewall at our Backup facility (TCF-Toronto). This firewall is only active when Disaster Recovery (DR) is invoked. <u>Clients were not impacted by this change.</u> TMX Network Services performed all validations and confirmed this portion of the upgrade as successful.

On Saturday, **July 11th, 2015**, TMX Network Services will be upgrading the firewall at our Primary Production facility (MCC-Markham). In order to facilitate connectivity validation, the Production environment will be activated between 12:00 PM EDT (16:00 GMT time) and 16:00 PM EDT (20:00 GMT time).

Network handshaking and application authentication will be permitted, but markets will remain closed. No executions will take place.

Technical Impact

To ensure that all your services will be operational for the following trading day, <u>clients are strongly encouraged to participate on Saturday, July 11th and validate their connectivity to any utilized MX services.</u>

These services include:

Services	
HSVF (Multicast & Unicast)	LOPR
SAIL	MX FTP server
FIX	TMS
Drop Copy	CLEARING API
ATR	

If participating, please confirm your attendance by email to samsupport@m-x.ca.

The MX Technical Help Desk will be on-site during the specified testing window on Saturday, July 11th to assist with any client connectivity issues (contact information is below).

Upon conclusion of this test, the Production environment will be immediately brought down and scheduled for reactivation at its regular time on Sunday, July 12th, at 10:00 AM EDT (14:00 GMT time). Please monitor your connections once your processes have reinitialized and report any issues or outages to the Technical Help Desk **by phone**, using either phone number indicated below.

We thank you for your cooperation and invite you to contact the Technical Help Desk should there be any questions or concerns.

Contact Information

MX Technical Help Desk
Toll-free: 1-877-588-8489
Local: 514 871-7872
samsupport@m-x.ca

MX Technical Help Desk