



SFE NOTICE NO.

113/08

Date of Issue:

27 August 2008

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## SFE Solution Enhancement plans

Participants and ISV's are advised that between now and the end of 2008, ASX is undertaking a range of SYCOM infrastructure enhancements designed to improve connection resilience and increase capacity.

### **SYCOM Host Network upgrade:**

On Saturday the 30<sup>th</sup> August, ASX will be implementing the first stage of a host network infrastructure upgrade. The enhancements in this release will not require any changes to Participants trading access or applications. SYCOM will be started for sanity checking purposes on the weekend of the 30<sup>th</sup> August.

### **International Infrastructure:**

The following enhancements to the resilience and capacity of international connections will be implemented over the next 4 months:

- Dual redundant points of presence for international ASX hubs (Singapore, Hong Kong, London, Chicago/New York) will replace the existing single hub
- A bandwidth upgrade to all dual international links and Participant to hub links to 2MB (1.5MB in US)
- Introduction of redundant site to international hub connections for all international sites
- The retirement of ISDN as a backup solution

The following are indicative upgrade completion times for all bandwidth and redundancy enhancements. Completion is contingent on telecommunications carrier and Participant cooperation:

- Singapore & Hong Kong – Completed by early October
- London – Completed by early November
- New York & Chicago – Completed by early December

To ensure that your site is upgraded to this improved service as soon as possible, ASX staff and Telecommunications Carrier representatives will require Participant assistance and site access to complete the upgrade tasks.

### **Communication and scheduling**

ASX Market Access will contact all Participants via email and telephone to schedule the required enhancement activity. Participants will be required to provide contact details for the actual upgrade and also business and IT escalation.

All upgrade activity will be performed during non-market hours (weekends) unless otherwise requested by the Participant. The upgrade will require temporary disconnection from the trading system (SYCOM) to complete.

ASX Market Access will provide email confirmation of agreed upgrade time and contact.

The upgrade should take approximately one hour to complete. Post the completion of the upgrade, ASX will confirm that that all SYCOM terminals at the site are visible to the router. In addition, as per standard procedure, ASX will monitor that all AOEI's reconnect to SYCOM on the start of the system (early Monday morning).



### **SYCOM Host Infrastructure and Software Upgrade:**

The SYCOM host network and server infrastructure are scheduled to be upgraded at the end of 2008. The enhancements are designed to further improve the capacity and resilience of the SYCOM host infrastructure. The enhancements in this release will not require any changes to Participants trading access or applications.

### **AOEI Upgrades:**

#### **Hardware**

The hardware supporting the AOEI will be replaced over the period from the end of 2008 to Q2 2009. The replacement hardware provides contemporary infrastructure for access to the SFE Market and the platform for enhanced connection monitoring, remote access and incident management.

The new hardware will be a 1 rack unit mountable server.

Participants will be contacted by ASX Market Access to arrange suitable times for replacement and to confirm that the following conditions for AOEI installation are met:

- 4.27cm height by 44.70cm width by 54.61cm depth
- A data centre supporting air conditioning and UPS
- 3.0 GHz, dual core Xeon CPU
- 4GB of 667MHz RAM
- 146GB SAS Hard drives
- DVD drive
- 2 NICs on Motherboard (BroadCom)
- 2 NICS on PCI card (Intel) PT Model
- Single power supply

#### **Software**

The AOEI software version will be enhanced to increase the efficiency of technical recovery and so minimize the probability that the application is disconnected.

Progressively during 2009 additional monitoring and incident data capture capability will be remotely installed on all AOEI's. Participants are not required to participate in the upgrade to the AOEI software or make changes to their own trading applications.

ASX will be publishing further advices and contacting participants as these dates approach. Should you have any further queries please contact the Market Access Service Desk Ph: 1800 663 053| International: +61 2 9227 0372 or [MarketAccess@asx.com.au](mailto:MarketAccess@asx.com.au)

A handwritten signature in black ink that reads 'David Raper'.

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