



Operations and  
Technology  
Forum  
November 2019

# Secondary Data Centre

Data Centre Relocation

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# Secondary Data Centre

## Bondi Data Centre

- Aged infrastructure
- Refresh and expansion of products
- Location

## SDC Current Status

- Facility and Data Centre provider selected
  - Fujitsu Data Centre, Western Sydney.
  - Tier III data centre
  - 3rd party data centre provider



# Secondary Data Centre

## Current Status

- Data Centre fit out completed
  - 72 rack deployment – ASX services and networks
  - Power and data cabling installed and tested
- Critical IT infrastructure pre-built in the new facility
  - New Data Centre network – EVPN architecture
  - New OTN (Optical Transport Network)



# Secondary Data Centre

## Current Status

- Data Centre Interconnect & DC Networks
  - Networks tested to RFC and ISO validation standards
- System migrations scheduled begin November 2019
  - Back office and development/test systems first
  - Production migrations from February to June 2020
- Customer circuit migrations from November 2019

# Secondary Data Centre Project Status Page

- Project timeline
- Project highlights, milestones and history
- Table of services, migration dates, status, and BCP dates
- FAQ

The screenshot shows a web browser displaying the ASX website. The browser's address bar shows the URL: [asx.com.au/services/technical-services/secondary-data-centre-relocation.htm](https://asx.com.au/services/technical-services/secondary-data-centre-relocation.htm). The page features the ASX logo, a CMC Stockbroking banner with the tagline "An obsession with success", and a CIIC stockbroking banner. A search bar is visible on the right side of the page. The main navigation menu includes links for Home, Prices and research, Products, Services, Listings, Education, About ASX, and Regulation. The left sidebar lists various services, including "Technical services" and "Secondary Data Centre Relocation". The main content area is titled "Secondary Data Centre (SDC) Relocation" and contains the following text:

**Secondary Data Centre (SDC) Relocation**

Welcome to the SDC relocation landing page

The migration of all ASX backup instances from the current site at Bondi Junction to the new Secondary Data Centre (SDC) in Penrith will commence in November with a progressive implementation of ASX trading, clearing, settlement, and other ASX secondary systems throughout H1 2020.

This page will contain updates on the migration schedule for these services.

[SDC Relocation Updates & History](#)

# Secondary Data Centre

## Project Schedule

Service	Migration Date	Status	BCP Date	Status
EXIGO / Austraclear	01 Feb 2020	Expected	TBA	TBA
Derivatives Clearing Support	01 Feb 2020	Expected	TBA	TBA
CHESS Prod	15 Feb 2020	Expected	TBA	TBA
OTC Margin Simulator	15 Feb 2020	Expected	TBA	TBA
TradeAccept Web	15 Feb 2020	Expected	TBA	TBA
ASX Signals	15 Feb 2020	Expected	TBA	TBA
TradeAccept FIX	29 Feb 2020	Expected	TBA	TBA
Genium Clearing	29 Feb 2020	Expected	TBA	TBA
ASX24 (NTP)	28 Mar 2020	Expected	TBA	TBA
ASX Online	09 May 2020	Expected	TBA	TBA
ASX.com.au	09 May 2020	Expected	TBA	TBA
ComNews / Reference Point	09 May 2020	Expected	TBA	TBA
ASX Benchmarks	09 May 2020	Expected	TBA	TBA
RITS	Jun 2020	Expected	TBA	TBA
ASX Trade	Jul 2020	Expected	TBA	TBA
MarketSource	Jul 2020	Expected	TBA	TBA

# Secondary Data Centre

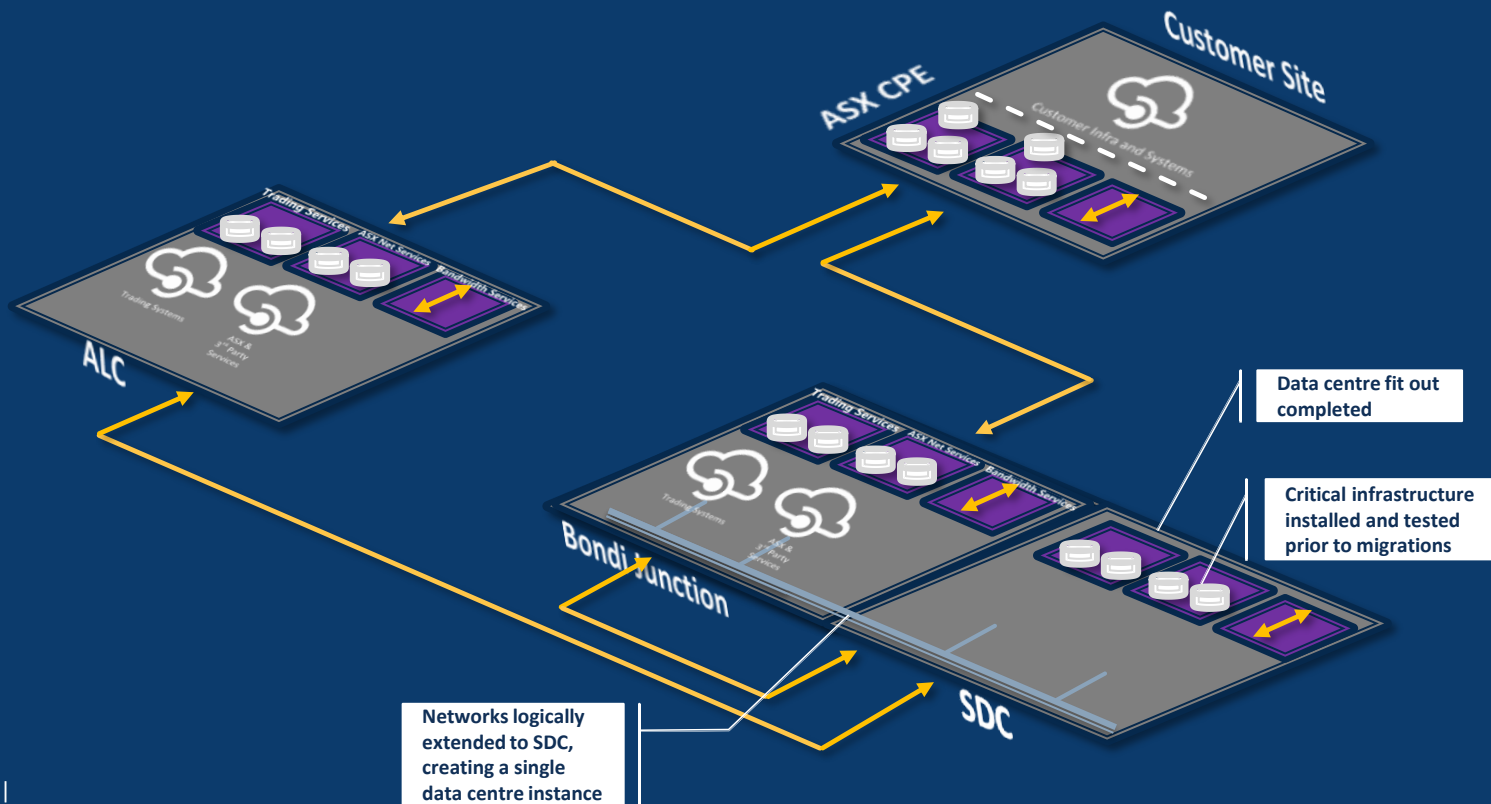
## Migration Plan Overview

- Migration Streams - November 2019 - May 2020
  - Back Office and Service Migrations
  - Customer Migrations
- Networks logically extended from Bondi to SDC
- Post migration BCP schedules
  - ASX24 (NTP) – DR test scheduled 28 March 2020
  - ASX Trade Dress Rehearsal scheduled as part of the ASX Trade refresh
- ASX Net circuit migrations independent of Service migrations

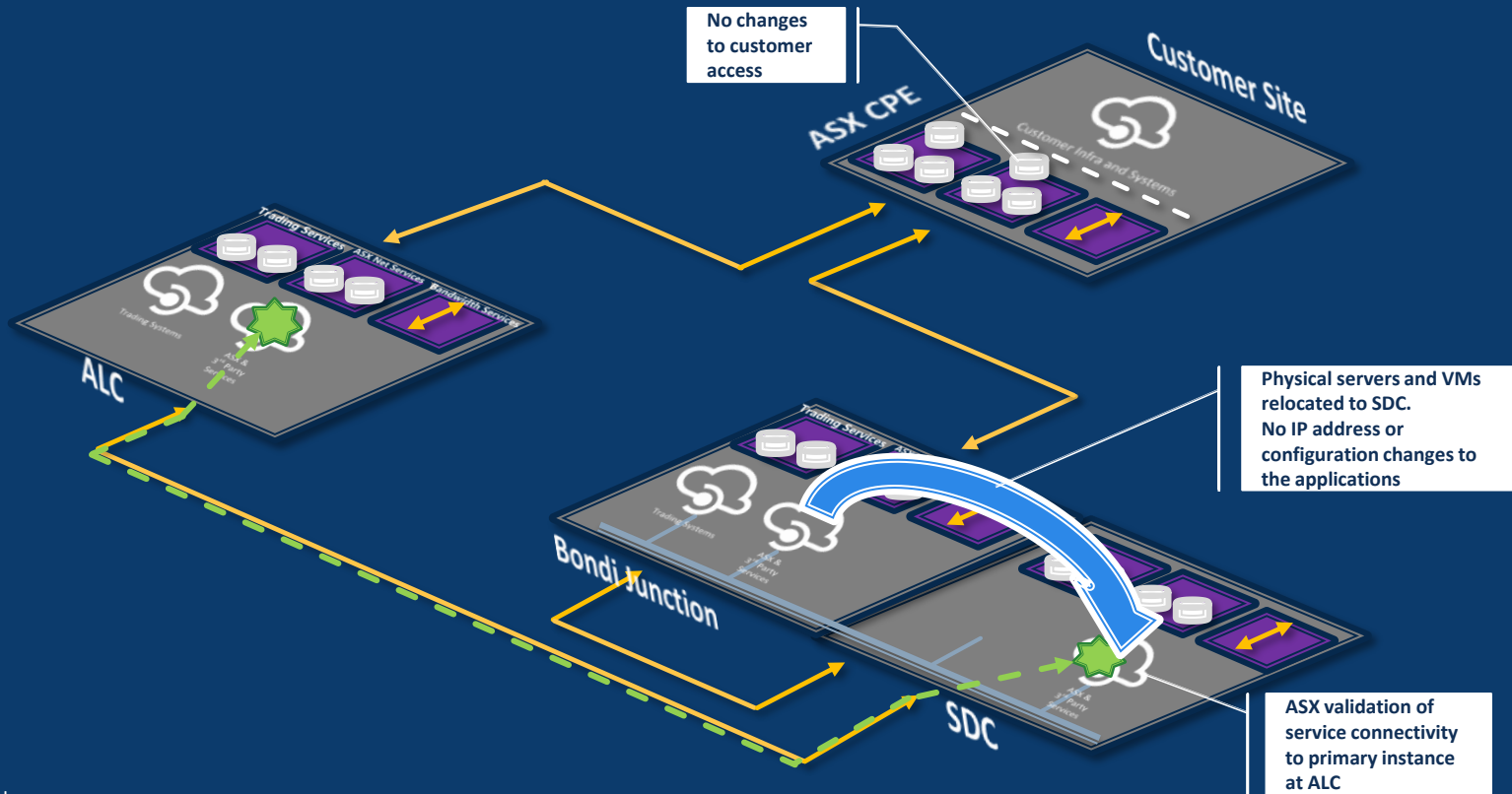


# Secondary Data Centre

## Back Office and Service Migration



# Secondary Data Centre Back Office and Service Migration



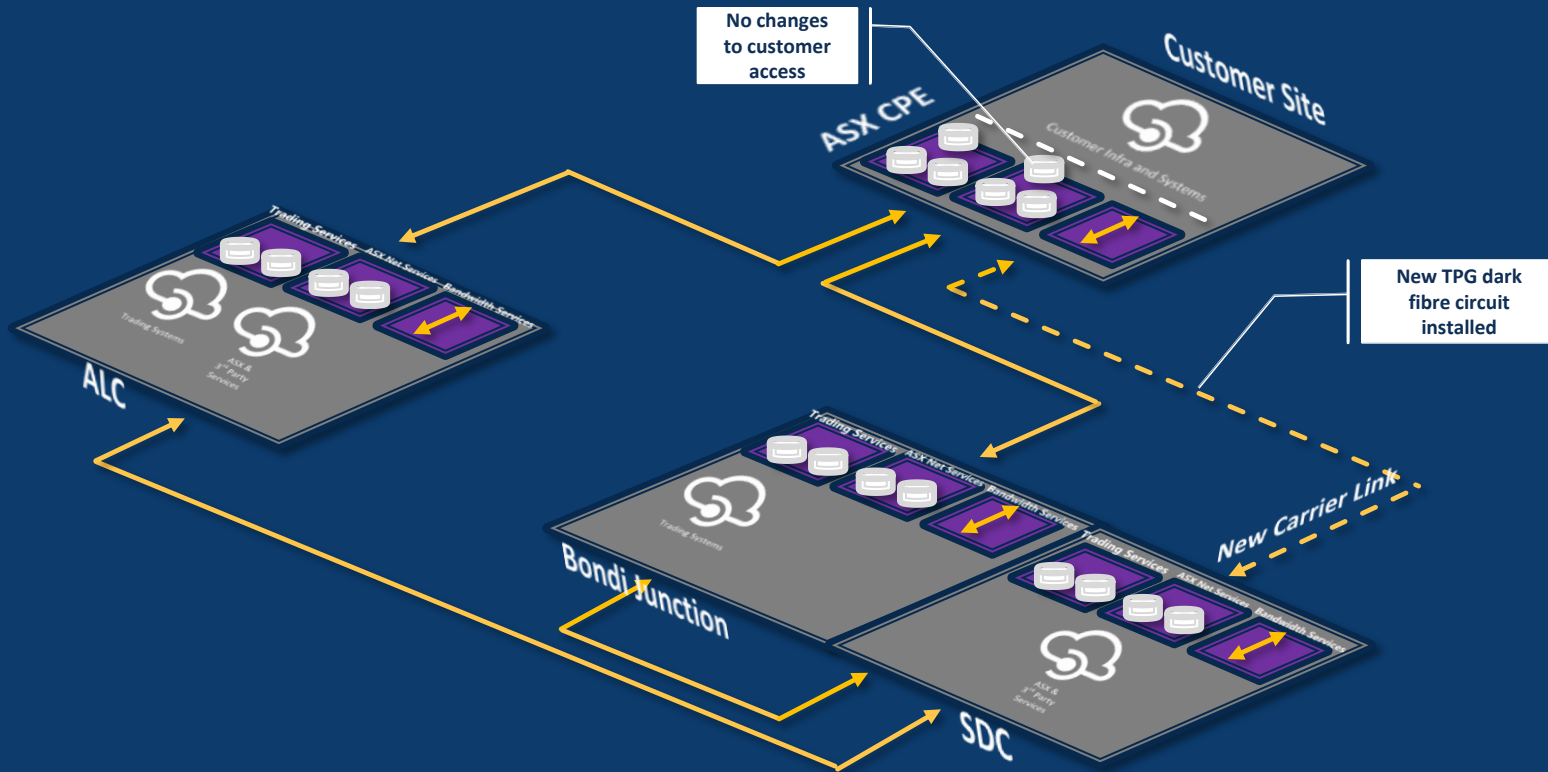
# Secondary Data Centre

## Testing and Validation Plan – Customer Migrations

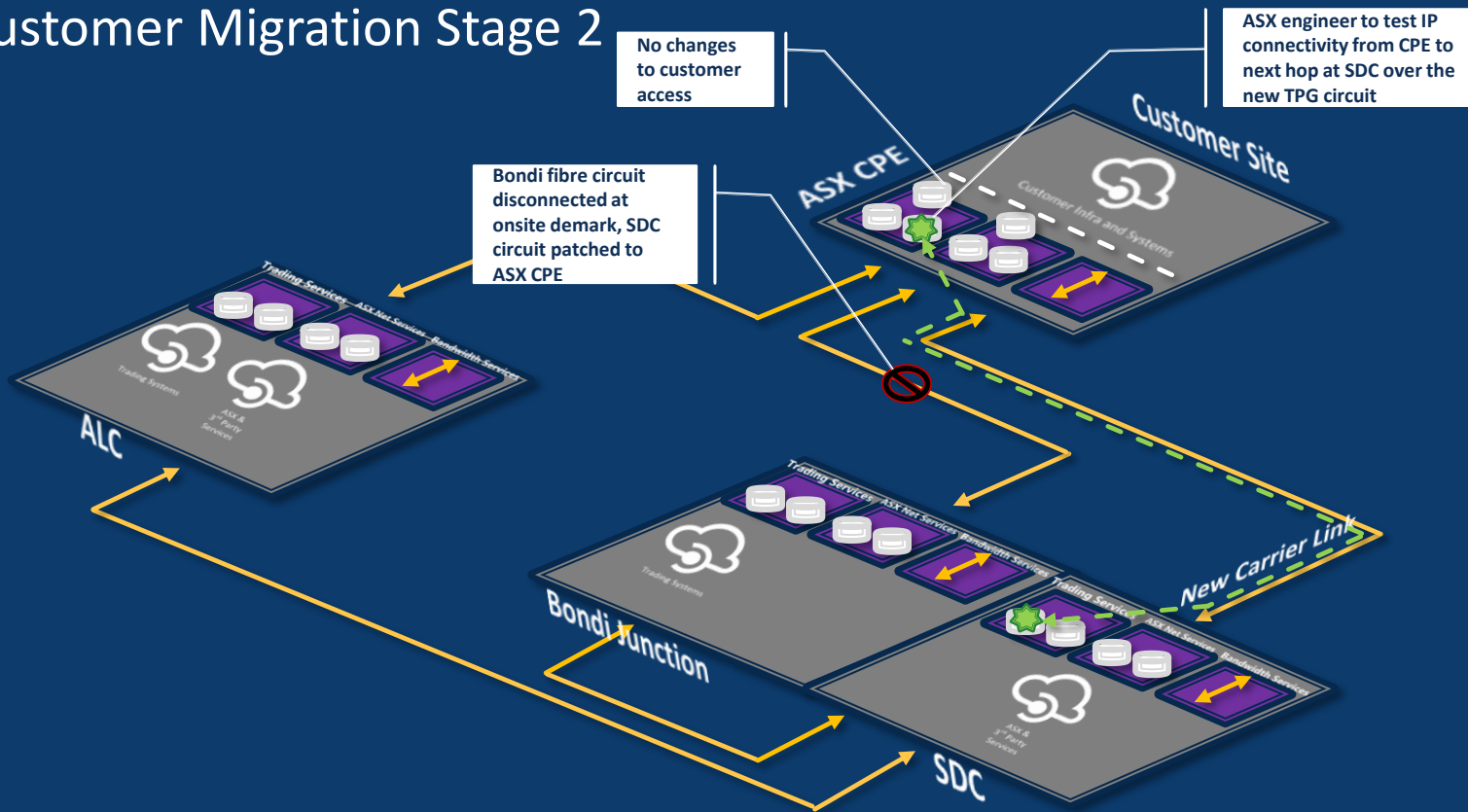
### Customer Requirements and Involvement

- Provide access for TPG and ASX field engineers
- Provide escalation contacts for ASX engineers
- No customer testing required during the migration of the SDC circuit for ASX services
- Backup bandwidth only services to be confirmed as stable by the customer prior to ASX leaving site

# Secondary Data Centre Customer Migration Stage 1



# Secondary Data Centre Customer Migration Stage 2



# Secondary Data Centre Customer Migration Stage 3

