Commsday Summit 2011

Mike Quigley – NBN Co

NBNCo Limited

2011: Building, testing, onboarding

What we plan to do in 2011

1	Update on progress
2	First Release Trials
3	Telstra Agreement
4	Greenfields
5	OSS/BSS

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Five mainland First Release Sites nearing completion
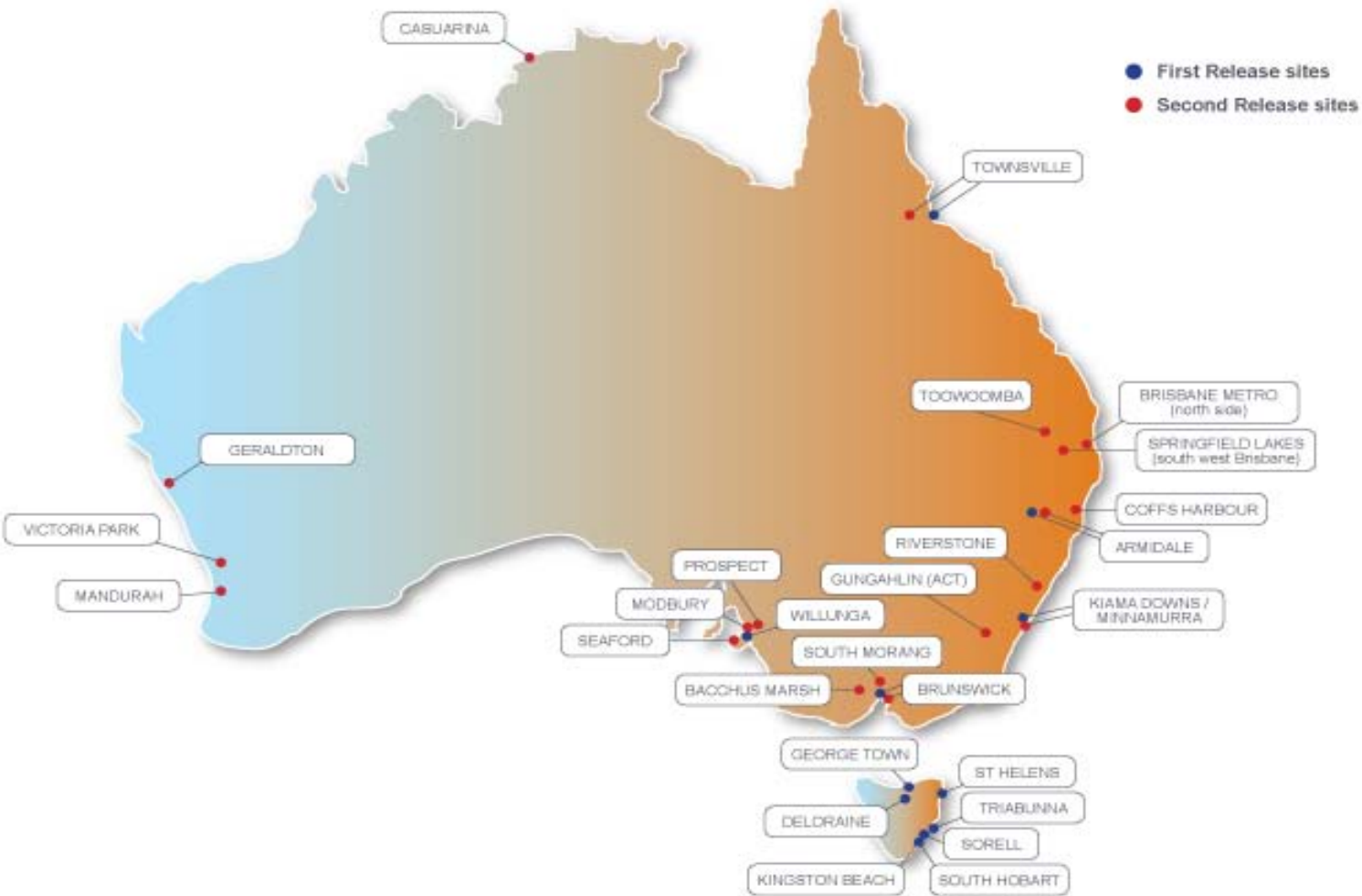
First release site – Armidale New South Wales
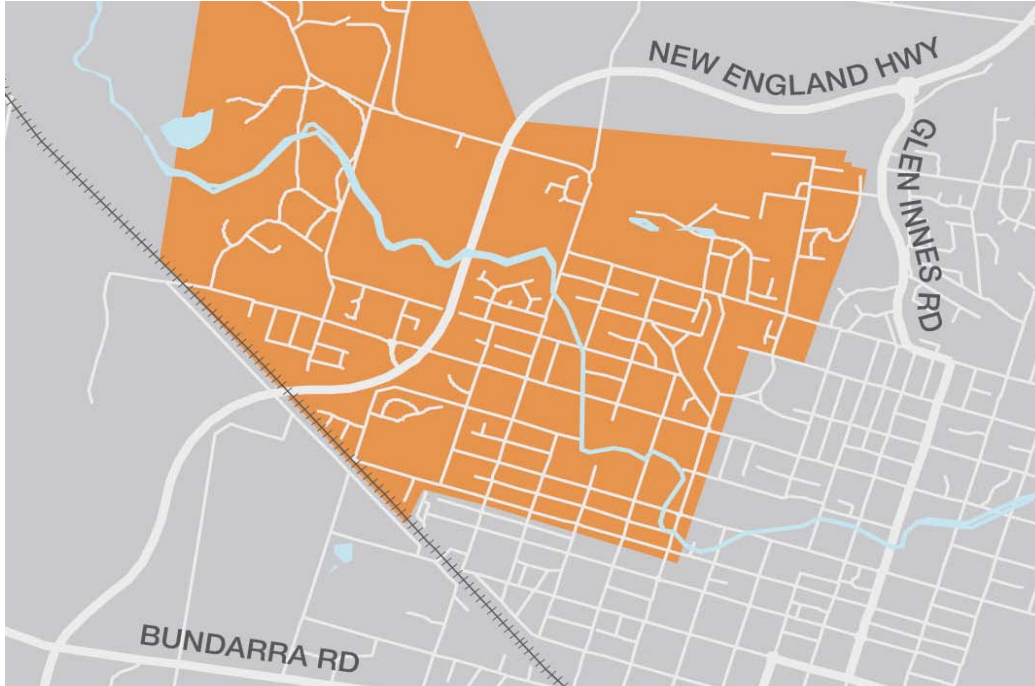
- Armidale is a regional town situated half way between Sydney and Brisbane and 2 hours from the coast

- 4800 premises in first release site including the University of New England connections

- 61% of Armidale premises with internet connection

Across all First Release Sites
>90% complete passive build

Source: ABS Census 2006

3

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National Broadband Network - 10 Year Plan

Long-term indicative timeline
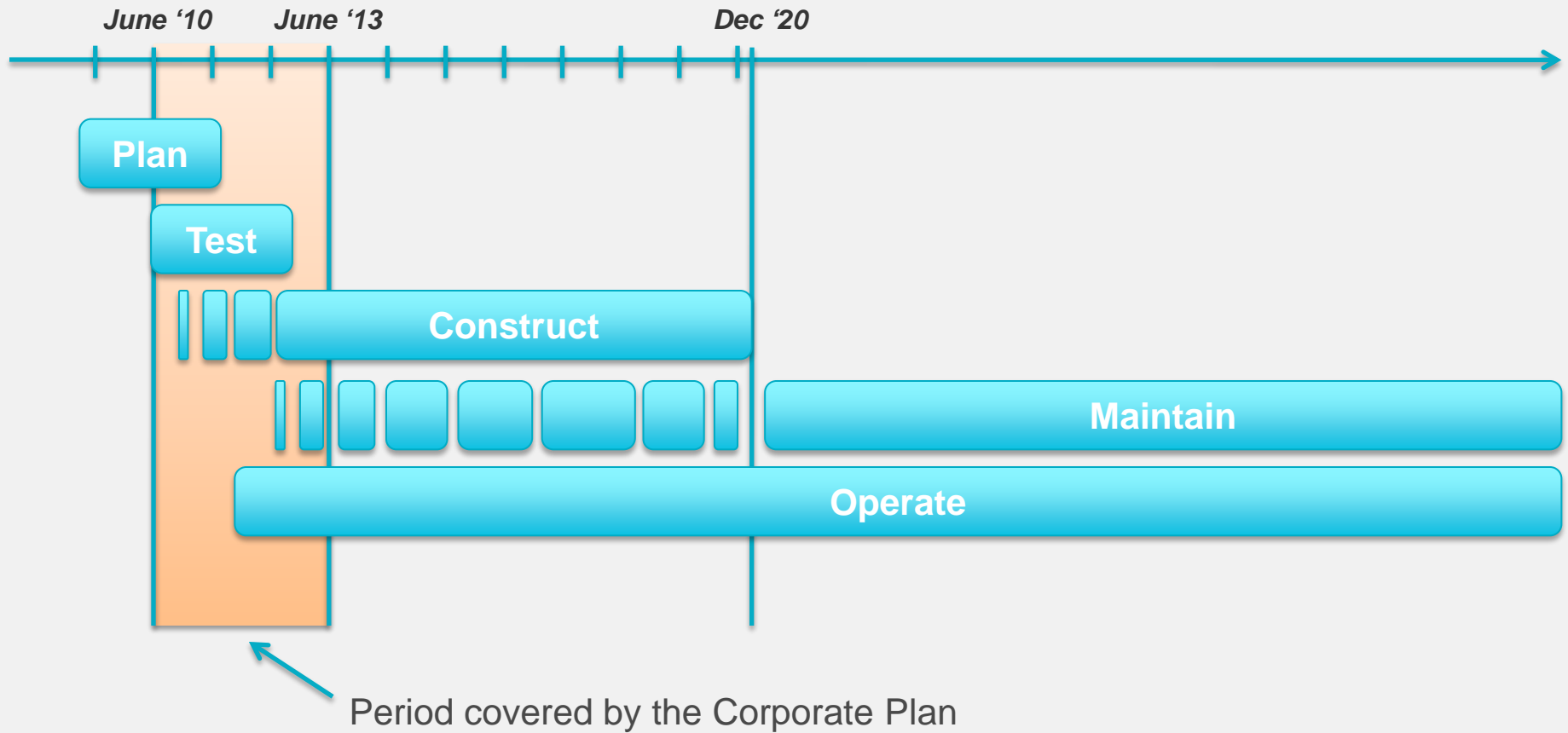
June '10   June '13   Dec '20

- Plan
- Test
- Construct
- Maintain
- Operate

Period covered by the Corporate Plan

Access Seeker experience as NBN Co increases capability

2011 **2012**

| Apr May Jun Jul Aug | Sep Oct Nov Dec Jan | Feb Mar Apr May Jun Jul | Aug Sep Oct Nov Dec |

Trial Phase

- Trials of products & processes
- Participation via EoI process
- Manual processes
- Connections for trial only. Best undertaken with end users that have an established relationship with you

Ready for First Commercial service

- Able to place own orders for migrations and new services
- As NBN Co rolls out its products & B2B systems, Access Seeker interoperability testing continues

Ready for Business as Usual Rollout

- Capability to fulfil, activate and assure an increased number of products with multiple RSPs with automated and semi automated processes..
- Access seeker interoperability testing continues

Ready for Market

- Market & geographic coverage growing to scale
- Can activate and assure at scale according to established SLAs.
- Initial mass market product release complete
- Fully automated B2B interface

Indicative dates as outlined in NBN Co Corporate Plan

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Telstra / NBN

Disconnection

Infrastructure

Copper

- Progressive disconnection
- Traffic migrated to NBN
- NBN Co pays Telstra per disconnection

HFC

- Progressive de-activation except Foxtel
- Traffic migrated to NBN
- NBN Co. pays Telstra per disconnection

Ducts & pits

- NBN Co uses of fit-for-use infrastructure within NBN network design

Lead In conduits

- NBN Co uses fit-for-use conduits which are connected into ducts NBN Co. uses

Backhaul

- NBN Co uses dark fibre

Exchanges

- NBN Co uses rack space in Telstra exchanges

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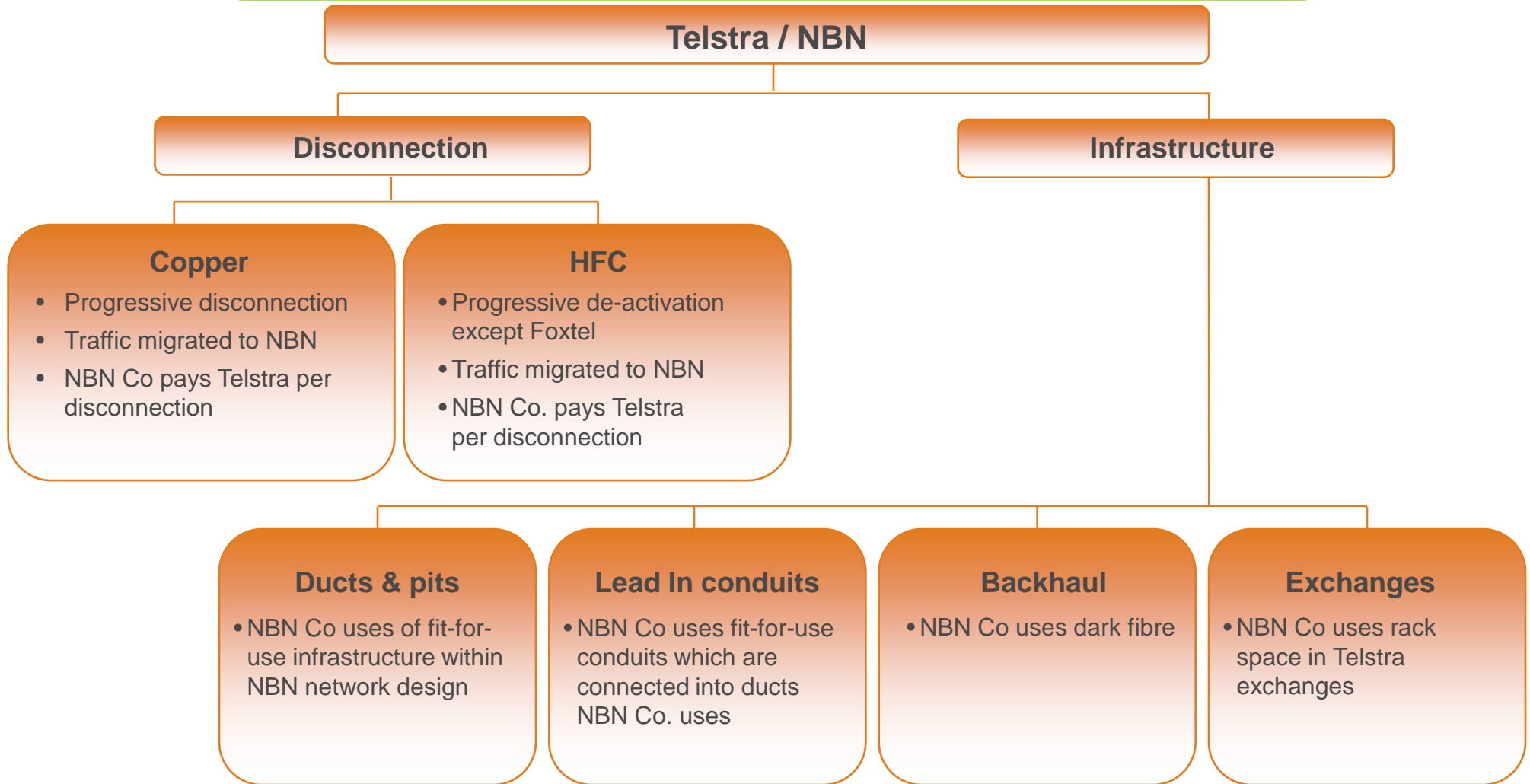
Greenfields Development Locations 2011-2013
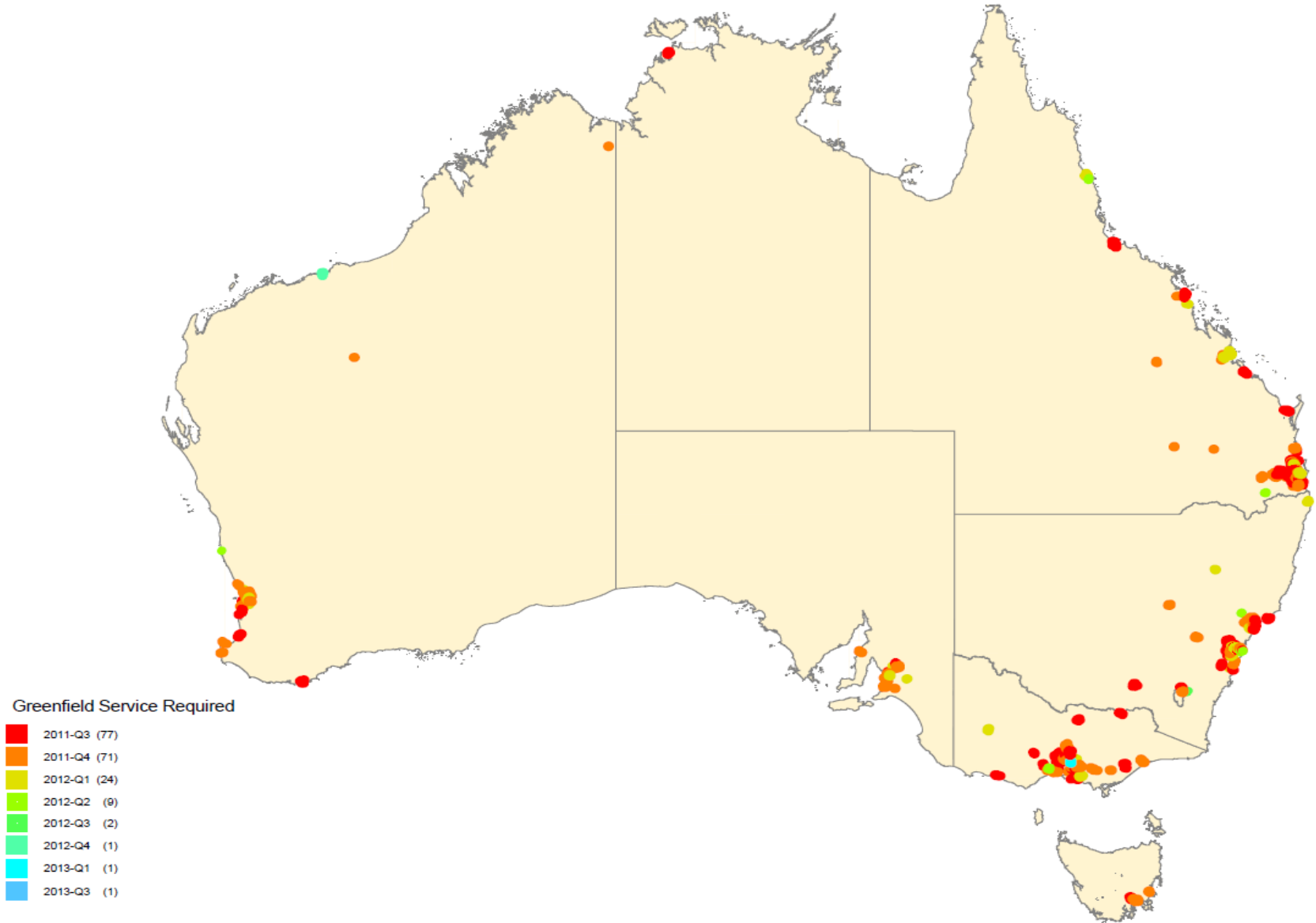
Greenfield Service Required

- 2011-Q3 (77)
- 2011-Q4 (71)
- 2012-Q1 (24)
- 2012-Q2 (9)
- 2012-Q3 (2)
- 2012-Q4 (1)
- 2013-Q1 (1)
- 2013-Q3 (1)

OSS/BSS
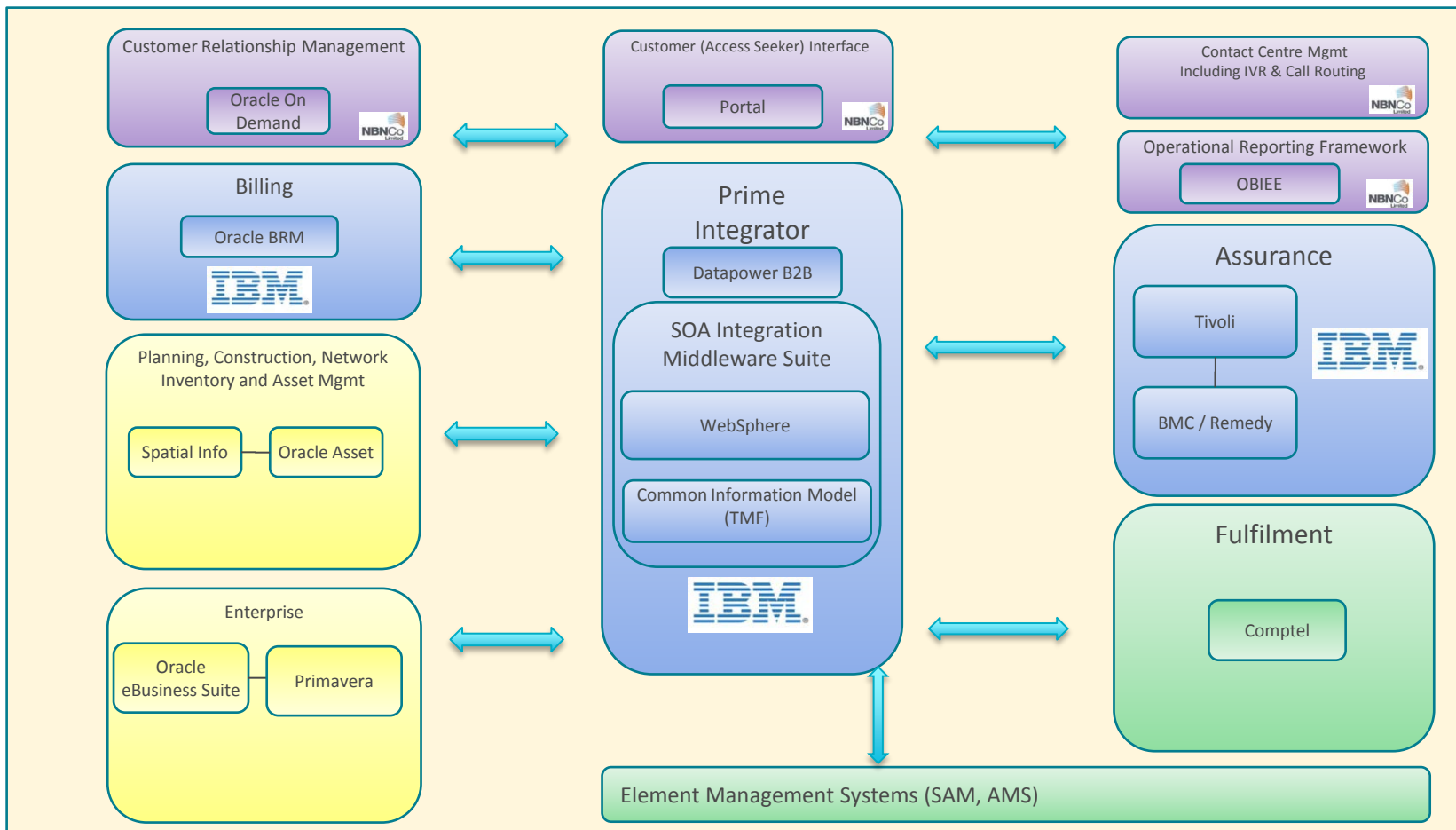
Industry Interface systems available in April

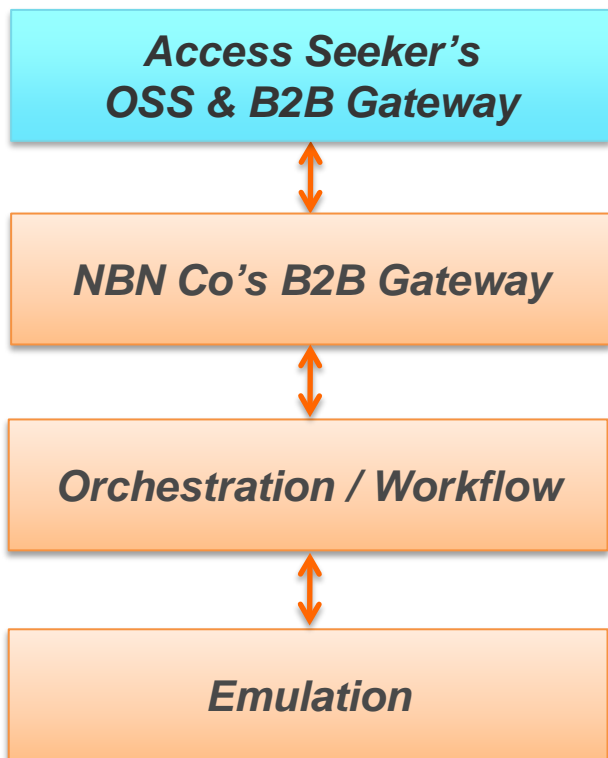| Customer (Access Seeker) Portal	Contact Centre Support IVR	Customer Relationship Management	Wholesale Pricing Calculator
Single gateway to Ordering and Trouble ticketing for NBN customers	Voice assisted access to subject matter experts for NBN customers and field technicians	Manage interaction with our customers through organised and synchronised business processes	Assist NBN customers to model their businesses based on NBN offering

All current systems are incorporated and enhanced in future functionality

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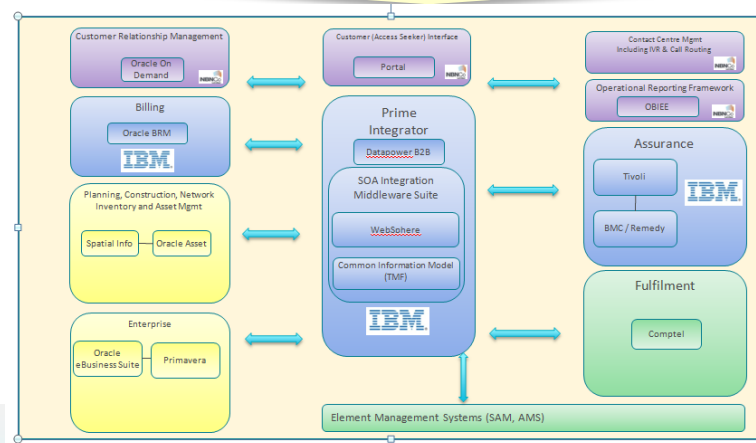
Indicative B2B Development Support Roadmap

Access Seeker's OSS & B2B Gateway

↕

NBN Co's B2B Gateway

↕

Orchestration / Workflow

↕

Emulation

Development & Pre-certification Environment

Milestone	Planned Date
Access Seeker Development Sandbox	Q3 2011
Certification Environment	Q4 2011
Basic B2B Gateway	Q1 2012

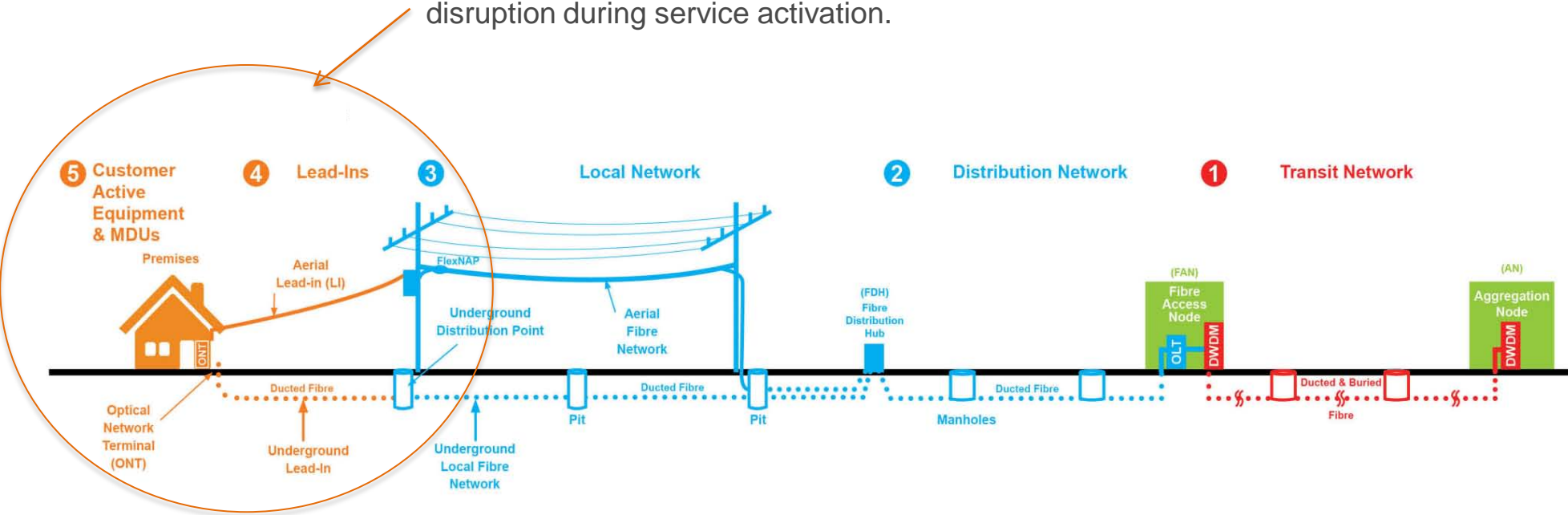*Available to all Access Seekers upon request*

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Network Activation

Service activation starts with the activation of Access Seeker infrastructure to connect Fibre Access Nodes and Points Of Interconnect.
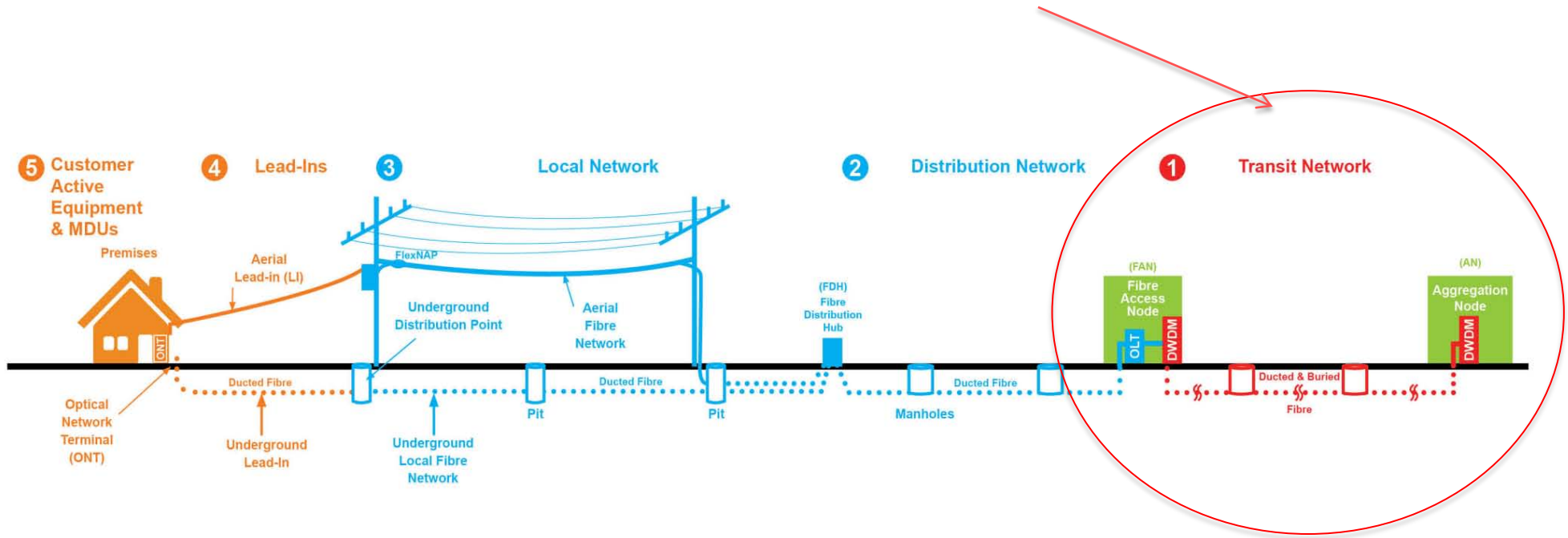
Service Activation

The goal of NBN Co and the Access Seekers is to minimise End User disruption during service activation.

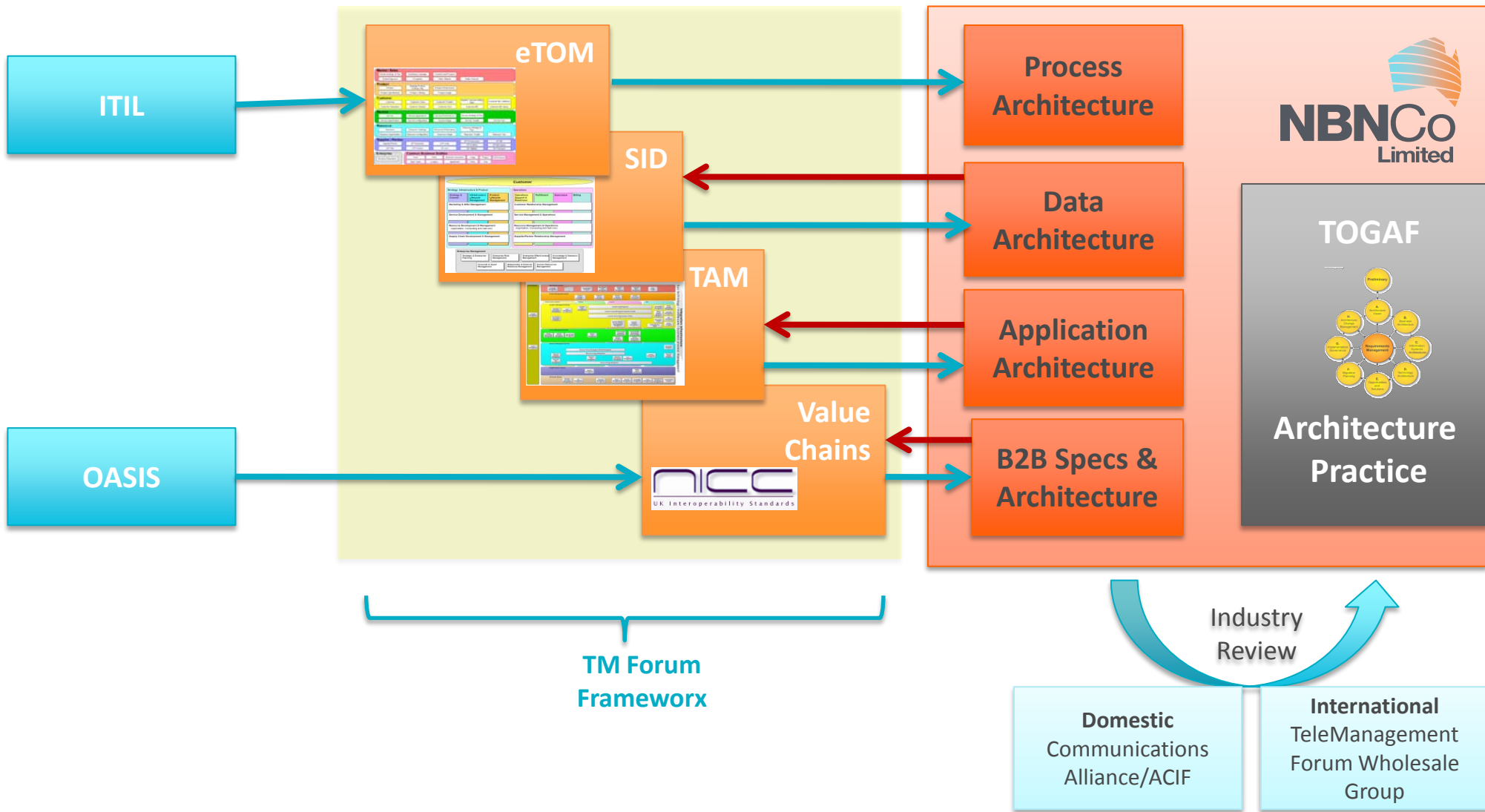# Service Assurance – Functional View
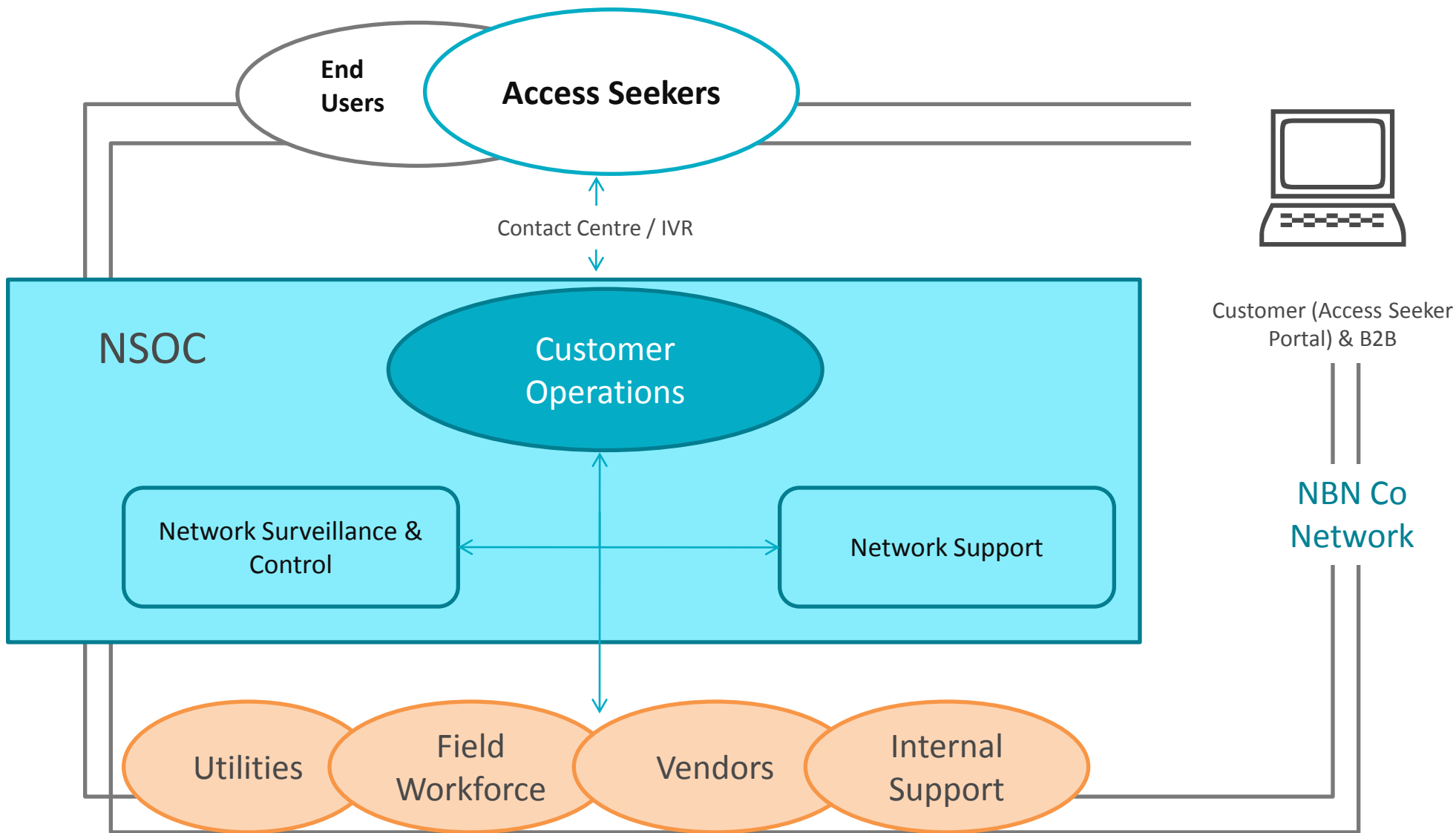
Best practice reference frameworks, models, standards

ITIL

OASIS

eTOM

SID

TAM

Value Chains

nicc
UK Interoperability Standards

TM Forum Frameworx

Process Architecture

Data Architecture

Application Architecture

B2B Specs & Architecture

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TOGAF

Architecture Practice

Industry Review

Domestic
Communications Alliance/ACIF

International
TeleManagement Forum Wholesale Group

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