



Master Plan Plus NGN Ethernet SLA

Version Control

Version	Status	Update	Effective Date
1.2		Final – Document rebranded from eircom to open eir	16th September 2015
V2.0	Final	This document is based on V1.2 Implementation of Standardised Change Control.	21/06/2017

This document follows change control procedure:

Proposed is defined as a document status when the approved document is uploaded to Proposals Section of open eir Website.

Final is defined as a document status when the approved document is uploaded to the relevant section of the open eir Website following the publication period.

For information:

- Historical Document History Table located at end of Document.
- Publish means the action of uploading a document to the website regardless of status or location.
- If there are changes to the document between ‘Proposed’ and ‘Final’, change control operates.



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1. SLA Portfolio Overview

open eir wholesale currently offers three commercial SLAs

- Master Plan
- Master Plan Plus
- Master Plan Plus – NGN Ethernet

1.1. Master Plan SLA

- 7 x 24 fault reporting and response
- Guaranteed response time – within 3 hours of fault report
- 99.9% assurance target for service availability
- Time to repair: 8 clock hours
- Available on wholesale leased lines, partial private circuits and NGN Ethernet circuits

1.2. Master Plan Plus SLA

- 7 x 24 fault reporting and response
- Proactive response time – within 15 minutes of fault report
- 99.9% assurance target for service availability
- Time to repair: 8 clock hours
- Available on wholesale leased lines, and partial private circuits

2. Master Plan Plus - NGN Ethernet SLA

- 7 x 24 fault reporting and response
- Proactive response time – within 15 minutes of fault report



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- 99.9% assurance target for service availability based on monitoring the Operator facing port on the openeir NGN node
 - Time to repair: 8 clock hours
 - Available on NGN Ethernet circuits

2.1. Master Plan Plus - NGN Ethernet

Master Plan Plus - NGN Ethernet SLA offers Operators an enhanced level of support for nominated business critical NGN Ethernet circuits on an Operator network. It facilitates the early identification of faults by openeir proactively managing nominated Operator circuits.

The Master Plan Plus-NGN Ethernet SLA is provided with a minimum service availability target of 99.9% on NGN Ethernet Circuits.

Operators may choose to offer their end users higher availability SLAs, based on the following inputs:

- openeir network availability reports
- **Operator's own assessment of their end user networks**

2.2. Master Plan Plus - NGN Ethernet SLA Components

- Proactive 7 x 24 hour monitoring of nominated physical NGN Ethernet circuits
 - (monitored from the Operator facing port on the openeir NGN Node)
- openeir initiated fault logging on behalf of the customer
- Initial customer contact within 15 minutes of fault being created
- Operator feedback every 30 minutes after fault is logged
- Proactive feedback on the service assurance parameters of the nominated circuits
- Time to repair: 8 clock hours
- Operator reports issued for faults on a quarterly basis.



2.3. Service Availability

This SLA is available on in-situ NGN circuits within the openeir network. Availability is calculated each quarter, on an annual basis in arrears. The Operator reporting frequency for service availability is quarterly and will apply to all faults on a retrospective basis.

The Measurement Period is the previous year (4 quarters), rolling. Service availability expressed as a percentage of the circuit uptime is measured quarterly over a 7x24 hour basis using the following formula:-

$$\% = \frac{8766 \text{ clock hours} - (\text{total out of service time})}{8776} \times 100$$

Total out of service time is the elapsed time between when a valid fault is logged and the last Pending Clear Permanent, less any parked time.

2.3.1. Measuring Faults for Event based SLA.

A circuit will be included for penalty under Event based measurement once a fault is determined to be a fault within the openeir network and not subject to the exclusion described later in this SLA (see Definitions & Exclusions for Repair Attributes).

The fault must exceed 8 clock hours to be eligible for penalty.

It is the Clear Code associated with the "Confirmed Clear Permanent" that determines the inclusion or exclusion of the fault ticket when calculating service credits on individual faults and for measuring Service Availability.

All faults and associated clear codes will be included for review on the Operator quarterly report.



2.4. NGN Ethernet Performance Reporting

Specific monitored circuit performance figures on achieved service availability and repair time will be made available to Operators availing of this Master Plan Plus-NGN Ethernet SLA.

Network performance figures that are generic will be provided to Operators including those taking up and/or availing of the Master Plan Plus-NGN Ethernet SLA.

openeir will provide a service availability report showing all faults on these parameters on a quarterly basis to each Operator availing of the Master Plan Plus-NGN Ethernet SLA. Actual service availability and repair time parameters will be made available;

Circuit Availability Achieved in % of cases for Target Service Availability *

Greater or equal to 99.95%	Actual % achieved
Greater than 99.90% less than 99.95%	Actual % achieved
Greater than 99.8% but less than 99.9%	Actual % achieved

Fault Repair Time Hours in % of cases for Target Repair Performance *

Target Repair 4 Hours	Actual % achieved
Target Repair 6 Hours	Actual % achieved
Target Repair 8 Hours	Actual % achieved

* **The “Target Service Availability” and “Target Repair Time Performance” are operational targets, made available to operators for the purpose of commercial assessment.**

2.5. Applicable Products

The Master Plan Plus – NGN Ethernet SLA is available on the following products

- Wholesale Ethernet Interconnect Link
- Wholesale Symmetrical Ethernet Access

3. Pricing

- Connection €200 per circuit, once off
- Monitoring Charge Per Operator, €1500 per annum
- SLA Rental Charge, 8% circuit rental per annum
- Effective Date : 13th December 2010

4. Penalties

Event Based

Parameter	Criteria	Service Credits
Repair Time	T + 8 Clock Hour	2% of the Monthly circuit rental per clock hour in breach (i.e. greater than 8 clock hours), to a maximum of 50% of monthly rental per fault. A maximum of 2 months' circuit rental credit in any one 12 month period per circuit
Fault Reporting	7 X 24	
Hours of Coverage	7 X 24	

To secure further information on the Master Plan Plus-NGN Ethernet SLA please contact your openeir Wholesale Customer Relationship Manager.



In the event of a fault penalties will be paid out on both Physical and Logical circuits, based on the SLA applicable on either circuit, if trouble tickets are active on both circuits. See section 4.1 on how to log faults.

4.1. Logging and responding to Faults

Faults should be logged on the logical WES circuit; this will automatically raise a trouble ticket on the physical SEA. Faults raised on the SEA will not automatically open a WES logical trouble ticket.

The response time is measured from when the fault has been correctly logged and acknowledged, preliminary testing and fault localisation has occurred, fault clearance has been instigated and the results of preliminary openeir testing and fault localisation made available to the Operator.

Version Control History

Version	Status	Update	Effective Date
1.0		Final	13th December 2010
1.1		Final	1st July 2013
1.2		Final	14th March 2014
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