

External Information Points (EIP)

This is the 45 day External Information Point (EIP5) which provides the EIP dates, and describes any known intended scope which Openreach has scheduled to be delivered as part of EMP R4000, due for delivery on 23 March 2019.

As with previous releases, the deployment of any functionality shown below is dependent on successful completion of our testing activities. Openreach continues to review candidates for Release R4000 and will be further communicating scope in EIP7 communications.

If you have any queries regarding product plans or progression of developments then you can refer to the Product Industry Forums. The Industry Forum details and collateral are in the secure area so you will need an Openreach portal account to access these. You can request access [here](#). Once you have successfully logged in, the Industry Forums can be found [here](#).

For any queries relating to IT customer engagement including business to business interfaces or Openreach portal versions relating to Openreach products and services, please refer to your IT customer engagement manager.

Openreach holds Technical Change Forums on a regular basis. Dates and contact details for both these and the Product Industry Forums can be found on the Industry Forum calendar [here](#) by clicking on the appropriate forum.

If you need contact details for IT customer engagement then please contact your Sales & Relationship Manager.

R4000 will contain changes to the following product areas:

- NGA
- Ethernet
- Copper
- Ducts and Poles Access

Details of the changes for each product are as follows:

NGA

Reference ID	Products	Change description
OR-48719 / ORCE-144157	GEA-FTTC(VDSL) GEA-FTTC(GFast)	GEA-FTTC(VDSL/G.fast): Include C-TAG and S-TAG Details in Amend Success KCI Message
OR-46053 / ORCE-144897	LLU SMPF GEA-FTTC(VDSL) GEA-FTTC(GFast) SOGEA(VDSL) SOGEA(GFast) GEA-FTTP	Enable the marking of SMPF, GEA-FTTC, GEA-FTTP and SOGEA lines with the Same Retailer Dialogue Service
OR-46053 / ORCE-135925	GEA-FTTP WLR3 PSTN LLU SMPF	Migration to GEA-FTTP from an existing working WLR ONLY, SMPF ONLY or WLR+SMPF service
OR-47952 / ORCE-145168	GEA-FTTP On Demand (FoD)	FOD on EMP: Provide Order
OR-47952 / ORCE-145165	GEA-FTTP On Demand (FoD)	FOD on EMP: Order Cancel
OR-47952 / ORCE-143894	GEA-FTTP On Demand (FoD)	FOD on EMP: Charging/ ECCs
OR-47952 / ORCE-143893	GEA-FTTP On Demand (FoD)	FOD on EMP: Survey Activities & Appointing
OR-47952 / ORCE-143895	GEA-FTTP On Demand (FoD)	FOD on EMP: Order Amend

Reference ID	Products	Change description
OR-48255 / ORCE-142555	GEA-FTTC(VDSL) GEA-FTTC(GFast) SOGEA(VDSL) SOGEA(GFast) All copper products All NGA products, EAD Dark fibre	SOGEA & GEA-FTTC (VDSL/GFast): MBORCs for GEA1, GEA3, FTTC1 & FTTC3 Trouble Reports Includes a change to response code text impacting all products. This story is now targeted for deployment in R4050 under reference OR-50796 / ORCE-150711.
OR-44366 / ORCE-130258	NGA Products	SoR_8502 CP Specific Inventory Data provided daily over SDEDs
OR-48852 / ORCE-144470	GEA-FTTC(GFast) SOGEA(VDSL) SOGEA(GFast)	GFast LD: eMLC only allows SI if copper testing indicates that there is no need for an appointed engineer to fix during provision News only: Internal eMLC logic change.
OR-47816 / ORCE-141158	View My Job (VMJ) for volume products	View My Job - Visibility of Pre-KCI1 Updates
OR-44202 / ORCE-129796	SOGEA(VDSL) SOGEA(Gfast)	SOGEA Day 1: Support for SVR as part of Non-Tech Change Modify Order This story is now targeted for deployment in R4050 under reference OR-50798 / ORCE-150720.
OR-46621 / ORCE-137214	GEA Cablelink	Gfast LD: Provide New Cablelink on a Ceased Cablelink Port
OR-46353 / ORCE-137864, ORCE-136595	WLR/NGA/LLU and HR products	SMART Appointing (Desk Work Packages 3 & 5).
OR-46261 /	GEA-FTTP	Test & Diagnostics, & monitoring impacts

Reference ID	Products	Change description
ORCE-136440	FVA	
OR-47962 / ORCE-141782	GEA-FTTC(VDLS) GEA-FTTC(G.fast)	GEA-FTTC: Open order rules for Modify
OR-50027 / ORCE-148361	GEA-FTTC(VDLS) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(Gfast)	Live to Live Planned Engineering Works (PEW) Notification Improvement Deployment of the R3950 design: OR-43879 / ORCE-128998
OR-49896 / ORCE-147737	GEA-FTTP GEA-FTTP on Demand	GEA-FTTP View My Job -- Compiling report and getting the raw data to the CPs New S-DETs report being targeted to R4000 This story is now targeted to R4050.
OR-49557 / ORCE-146779	SIM2 WLR3 PSTN + GEA-FTTC SIM2 LLU MPF + GEA-FTTC	Elf reduction : National rollout on visit save – CP configuration

Ethernet

Reference ID	Products	Change description
OR-46700 OR-47617	EAD	Outstanding B2B stories Delivery of new V40 schemas to support B2B functionality from previous releases.

Reference ID	Products	Change description
		Added additional demand story ID at EIP 3 for clarity.
OR-48034	EAD	Q2F Equipment Discovery - Add SFP Details Adding SFP details to the Equipment Discovery tool
OR-48112	EAD	Ethernet 1G Remote Upgrade Enabling existing 100Mb circuits to be upgraded to a 1Gb circuit remotely via software configuration and not an engineer visit. Moved to R4050
OR-48573	EAD	Ethernet Backhaul Direct (EBD) Coiled Cable Handover Allowing the EBD backhaul link to be commissioned, tested and left on coiled cables ahead of customers' installation and commissioning of their own transmission. Moved to R4050
OR-46085	EAD	Rationalisation of delay and amend architecture Improvements to the management and communication of delays.
OR-44661	EAD	Mainlink distance attribute update Fix to insure that the mainlink distance value is correctly captured in the provisioning systems. Added at EIP3. Following CP feedback deployment of this story has been deferred from R3950 to R4000.
OR-48120	EAD	Automation of contractor KCIs Automated forwarding of contactor KCIs to CPs Added at EIP3
OR-48255/ ORCE-142555	GEA-FTTC(VDSL) GEA-FTTC(GFast) SOGEA(VDSL) SOGEA(GFast) All copper products	SOGEA & GEA-FTTC (VDSL/GFast): MBORCs for GEA1, GEA3, FTTC1 & FTTC3 Trouble Reports Includes a change to response code text impacting all products. This story is now targeted for deployment in R4050 under

Reference ID	Products	Change description
	All NGA products, EAD Dark fibre	reference OR-50796 / ORCE-150711.

Copper

Reference ID	Products	Change description
OR-46053 / ORCE-135925	GEA-FTTP WLR3 PSTN LLU SMPF	Migration to GEA-FTTP from an existing working WLR ONLY, SMPF ONLY or WLR+SMPF service
OR-48863 / ORCE-144528	Single Order Transition Access Product (SOTAP)	SOTAP - Fulfilment Start of Stopped (Part 1 - Order Placement (Acceptance and Processing to KCI1))
OR-45418 / ORCE-137159	SOTAP Dialogue Services	Fulfilment - SOTAP Dialogue Services - Number Portability Checker
OR-45418 / ORCE-137146	SOTAP Dialogue Services	Fulfilment SOTAP Dialogue Services - Manage line Plant Availability
OR-45418 / ORCE-137108	SOTAP Dialogue Services	Fulfilment SOTAP - Dialogue Services - Enhance Line Characteristics
OR-45418 / ORCE-133965	SOTAP Dialogue Services	Fulfilment - SOTAP Dialogue Services - Tie Pair Applications
OR-45418 / ORCE-133940	SOTAP Dialogue Services	Fulfilment - SOTAP Dialogue Services - Access & Test Address Matching

Reference ID	Products	Change description
OR-48412 / ORCE-143052	SOTAP Dialogue Services	Fulfilment - SOTAP - Appointments & Frames Reservation
OR-47816 / ORCE-141158	View My Job (VMJ) for volume products	View My Job - Visibility of Pre-KCI1 Updates
OR-46053 / ORCE-144897	LLU SMPF GEA-FTTC(VDSL) GEA-FTTC(Gfast) SOGEA(VDSL) SOGEA(Gfast) GEA-FTTP	Enable the marking of SMPF, GEA-FTTC, GEA-FTTP and SOGEA lines with the Same Retailer Dialogue Service
OR-46353 / ORCE-137864, ORCE-136595	WLR/NGA/LLU and HR products	SMART Appointing (Desk Work Packages 3 & 5).
OR-45159 / ORCE-141052, ORCE-141072, ORCE-141422	WLR3 PSTN LLU	Responsive reporting of the details of any known service impacting PEW / e-PEW in progress. Test & Deploy.
OR-48282 / ORCE-142680	Volume products	Customer Services – Contact Us page on CP Portal
OR-46869 / ORCE-138060	WLR3 PSTN	Rejected Orders due to Open Jumper Recovery Order Good News item
OR-49557 / ORCE-146779	SIM2 WLR3 PSTN + GEA-FTTC SIM2 LLU MPF + GEA-FTTC	Elf reduction : National rollout on visit save – CP configuration
OR-48255 /	GEA-FTTC(VDSL)	SOGEA & GEA-FTTC (VDSL/GFast): MBORCs for GEA1, GEA3,

Reference ID	Products	Change description
ORCE-142555	<p>GEA-FTTC(GFast)</p> <p>SOGEA(VDSL)</p> <p>SOGEA(GFast)</p> <p>All copper products</p> <p>All NGA products,</p> <p>EAD</p> <p>Dark fibre</p>	<p>FTTC1 & FTTC3 Trouble Reports</p> <p>Includes a change to response code text impacting all products.</p> <p>This story is now targeted for deployment in R4050 under reference OR-50796 / ORCE-150711.</p>

Ducts and Poles Access

Reference ID	Products	Change description
OR-48820	PIA	CP Whereabouts (Build). Delivers capability via the Openreach Portal for CPs to record their whereabouts prior to carrying out survey or build work on the Openreach Network and to retrospectively inform Openreach of a T2R activity.
OR-48316	PIA	Provides CPs with the functionality against a Co-Op, Ancillary & Network Adjustment order to remove order lines and the ability to cancel Network Adjustment orders.
OR-48316	PIA	CP amend of electronic orders. Provides CPs with the functionality against a Co-Op, Ancillary & Network Adjustment order to amend/ remove order lines and the ability to cancel Network Adjustment orders.
OR-48320	PIA	Lead-In Recording. Provides CPs with the ability to record in the Openreach inventory systems via the Openreach Portal the Lead-in link and Lead-in products they have installed in the Openreach Access Network.

Reference ID	Products	Change description
OR-48756	PIA	New Sites. Newly available network will be made visible to CPs once a developer has built the ducts and boxes to a quality standard for a GEA-FTTP New Site allowing it to be included within a Nol.

Published EIP3 Comms can be seen below for audit trail purposes on changes made:

NGA

Reference ID	Products	Change description
OR-48719 / ORCE-144157	GEA-FTTC(VDSL) GEA-FTTC(GFast)	GEA-FTTC(VDSL/G.fast): Include C-TAG and S-TAG Details in Amend Success KCI Message
OR-46053 / ORCE-144897	LLU SMPF GEA-FTTC(VDSL) GEA-FTTC(GFast) SOGEA(VDSL) SOGEA(GFast) GEA-FTTP	Enable the marking of SMPF, GEA-FTTC, GEA-FTTP and SOGEA lines with the Same Retailer Dialogue Service
OR-45366 / ORCE-133703	GEA-FTTC(VDSL) SOGEA(VDSL)	NGA1 512pt DSLAM Upgrade: Tools & Workflow Not CP Impacting
OR-46053 / ORCE-135925	GEA-FTTP WLR3 PSTN	Migration to GEA-FTTP from an existing working WLR ONLY, SMPF ONLY or WLR+SMPF service

Reference ID	Products	Change description
	LLU SMPF	
OR-47952 / ORCE-145168	GEA-FTTP On Demand (FoD)	FOD on EMP: Provide Order
OR-47952 / ORCE-145165	GEA-FTTP On Demand (FoD)	FOD on EMP: Order Cancel
OR-47952 / ORCE-143892	GEA-FTTP On Demand (FoD)	FOD on EMP: Date Management Descoped to a future release.
OR-47952 / ORCE-143894	GEA-FTTP On Demand (FoD)	FOD on EMP: Charging/ ECCs
OR-47952 / ORCE-143893	GEA-FTTP On Demand (FoD)	FOD on EMP: Survey Activities & Appointing
OR-47952 / ORCE-143895	GEA-FTTP On Demand (FoD)	FOD on EMP: Order Amend
OR-47952 / ORCE-145474	GEA-FTTP On Demand (FoD)	FOD on EMP: ONT Appointment Descoped to a future release.
OR-48255 / ORCE-142555	GEA-FTTC(VDSL) GEA-FTTC(GFast) SOGEA(VDSL) SOGEA(GFast) All copper products All NGA products, EAD Dark fibre	SOGEA & GEA-FTTC (VDSL/GFast): MBORCs for GEA1, GEA3, FTTC1 & FTTC3 Trouble Reports Includes a change to response code text impacting all products.
OR-44366 / ORCE-130258	NGA Products	SoR_8502 CP Specific Inventory Data provided daily over SDEDs

Reference ID	Products	Change description
OR-48852 / ORCE-144470	GEA-FTTC(GFast) SOGEA(VDSL) SOGEA(GFast)	GFast LD: eMLC only allows SI if copper testing indicates that there is no need for an appointed engineer to fix during provision News only: Internal eMLC logic change.
OR-47816 / ORCE-141158	View My Job (VMJ) for volume products	View My Job - Visibility of Pre-KCI1 Updates
OR-44202 / ORCE-129796	SOGEA(VDSL) SOGEA(Gfast)	SOGEA Day 1: Support for SVR as part of Non-Tech Change Modify Order
OR-46621 / ORCE-137214	GEA Cablelink	Gfast LD: Provide New Cablelink on a Ceased Cablelink Port
OR-46353 / ORCE-137864, ORCE-136595	WLR/NGA/LLU and HR products	SMART Appointing (Desk Work Packages 3 & 5).
OR-46261 / ORCE-136440	GEA-FTTP FVA	Test & Diagnostics, & monitoring impacts
OR-47962 / ORCE-141782	GEA-FTTC(VDLS) GEA-FTTC(G.fast)	GEA-FTTC: Open order rules for Modify
OR-50027 / ORCE-148361	GEA-FTTC(VDLS) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(Gfast)	Live to Live Planned Engineering Works (PEW) Notification Improvement Deployment of the R3950 design: OR-43879 / ORCE-128998
OR-49896 / ORCE-147737	GEA-FTTP GEA-FTTP on Demand	GEA-FTTP View My Job - Compiling report and getting the raw data to the CPs New S-DEds report being targeted to R4000

Reference ID	Products	Change description
OR-49557 / ORCE-146779	SIM2 WLR3 PSTN + GEA-FTTC SIM2 LLU MPF + GEA-FTTC	Elf reduction : National rollout on visit save – CP configuration

Ethernet

Reference ID	Products	Change description
OR-46700 OR-47617	EAD	Outstanding B2B stories Delivery of new V40 schemas to support B2B functionality from previous releases. Added additional demand story ID at EIP 3 for clarity.
OR-48034	EAD	Q2F Equipment Discovery - Add SFP Details Adding SFP details to the Equipment Discovery tool
OR-47960	EAD	Generic Fibre Products – In life issue with slot allocation customer update (KCI) Ensuring that the slot selected by the CP is provisioned correctly with associated KCI's issued Moved to R4050
OR-48112	EAD	Ethernet 1G Remote Upgrade Enabling existing 100Mb circuits to be upgraded to a 1Gb circuit remotely via software configuration and not an engineer visit.
OR-48573	EAD	Ethernet Backhaul Direct (EBD) Coiled Cable Handover Allowing the EBD backhaul link to be commissioned, tested and left on coiled cables ahead of customers' installation and

Reference ID	Products	Change description
		commissioning of their own transmission.
OR-46085	EAD	Rationalisation of delay and amend architecture Improvements to the management and communication of delays building on the PONA demand in R3950.
OR-44661	EAD	Mainlink distance attribute update Fix to insure that the mainlink distance value is correctly captured in the provisioning systems. Added at EIP3. Following CP feedback deployment of this story has been deferred from R3950 to R4000.
OR-48120	EAD	Automation of contractor KCIs Automated forwarding of contactor KCIs to CPs Added at EIP3
OR-48255 / ORCE-142555	GEA-FTTC(VDSL) GEA-FTTC(GFast) SOGEA(VDSL) SOGEA(GFast) All copper products All NGA products, EAD Dark fibre	SOGEA & GEA-FTTC (VDSL/GFast): MBORCs for GEA1, GEA3, FTTC1 & FTTC3 Trouble Reports Includes a change to response code text impacting all products.

Copper

Reference ID	Products	Change description
OR-46053 / ORCE-135925	GEA-FTTP WLR3 PSTN	Migration to GEA-FTTP from an existing working WLR ONLY, SMPF ONLY or WLR+SMPF service

Reference ID	Products	Change description
	LLU SMPF	
OR-48863 / ORCE-144528	Single Order Transition Access Product (SOTAP)	SOTAP - Fulfilment Start of Stopped (Part 1 - Order Placement (Acceptance and Processing to KCI1))
OR-45418 / ORCE-137159	SOTAP Dialogue Services	Fulfilment - SOTAP Dialogue Services - Number Portability Checker
OR-45418 / ORCE-137146	SOTAP Dialogue Services	Fulfilment SOTAP Dialogue Services - Manage line Plant Availability
OR-45418 / ORCE-137108	SOTAP Dialogue Services	Fulfilment SOTAP - Dialogue Services - Enhance Line Characteristics
OR-45418 / ORCE-133965	SOTAP Dialogue Services	Fulfilment - SOTAP Dialogue Services - Tie Pair Applications
OR-45418 / ORCE-133940	SOTAP Dialogue Services	Fulfilment - SOTAP Dialogue Services - Access & Test Address Matching
OR-48412 / ORCE-143052	SOTAP Dialogue Services	Fulfilment - SOTAP - Appointments & Frames Reservation
OR-47816 / ORCE-141158	View My Job (VMJ) for volume products	View My Job - Visibility of Pre-KCI1 Updates
OR-46053 / ORCE-144897	LLU SMPF GEA-FTTC(VDSL) GEA-FTTC(Gfast) SOGEA(VDSL) SOGEA(Gfast)	Enable the marking of SMPF, GEA-FTTC, GEA-FTTP and SOGEA lines with the Same Retailer Dialogue Service

Reference ID	Products	Change description
	GEA-FTTP	
OR-46353 / ORCE-137864, ORCE-136595	WLR/NGA/LLU and HR products	SMART Appointing (Desk Work Packages 3 & 5).
OR-45159 / ORCE-141052, ORCE-141072, ORCE-141422	WLR3 PSTN LLU	Responsive reporting of the details of any known service impacting PEW / e-PEW in progress. Test & Deploy.
OR-48282 / ORCE-142680	Volume products	Customer Services – Contact Us page on CP Portal
OR-46869 / ORCE-138060	WLR3 PSTN	Rejected Orders due to Open Jumper Recovery Order Good News item
OR-49557 / ORCE-146779	SIM2 WLR3 PSTN + GEA-FTTC SIM2 LLU MPF + GEA-FTTC	Elf reduction : National rollout on visit save – CP configuration
OR-48255 / ORCE-142555	GEA-FTTC(VDSL) GEA-FTTC(GFast) SOGEA(VDSL) SOGEA(GFast) All copper products All NGA products, EAD Dark fibre	SOGEA & GEA-FTTC (VDSL/GFast): MBORCs for GEA1, GEA3, FTTC1 & FTTC3 Trouble Reports Includes a change to response code text impacting all products.

Ducts and Poles Access

Reference ID	Products	Change description
OR-48820	PIA	CP Whereabouts (Build). Delivers capability via the Openreach Portal for CPs to record their whereabouts prior to carrying out survey or build work on the Openreach Network and to retrospectively inform Openreach of a T2R activity.
OR-48316	PIA	Provides CPs with the functionality against a Co-Op, Ancillary & Network Adjustment order to remove order lines and the ability to cancel Network Adjustment orders.
OR-48316	PIA	CP amend of electronic orders. Provides CPs with the functionality against a Co-Op, Ancillary & Network Adjustment order to amend/ remove order lines and the ability to cancel Network Adjustment orders.
OR-48320	PIA	Lead-In Recording. Provides CPs with the ability to record in the Openreach inventory systems via the Openreach Portal the Lead-in link and Lead-in products they have installed in the Openreach Access Network.
OR-48756	PIA	New Sites. Newly available network will be made visible to CPs once a developer has built the ducts and boxes to a quality standard for a GEA-FTTP New Site allowing it to be included within a Nol.

In line with the External Information Points (EIP) process for EMP releases, we can confirm that the additional documentation to support Release R4000 has been published. Documentation only change subject to each release requirement and can be found on the Openreach web site at the following addresses:

NGA (<http://www.openreach.co.uk/sffa>)

- [XML code & documentation](#)
- [GEA-FTTC/P functional upgrade specification](#)
- [FVA XML and baseline specification](#)

- [List of values \(GEA-FTTC, GEA- GEA-FTTP and FVA\)](#)

Ethernet Services (www.openreach.co.uk/ethernetservices)

These provide design specifications for the functions that are required to be developed by users of the Openreach gateway. These files are intended for CP technical teams responsible for designing and building the B2B interface into the Openreach gateway. The Ethernet B2B baselines and functional specs can be found under:

[Ethernet Access Direct release information](#)

[Ethernet Backhaul Direct release information](#)

[Openreach Network Backhaul Services release information](#)

LLU (www.openreach.co.uk/llu)

On the pages below you will find the updated EMP xml specifications, functional changes and web services user guides. Information specific to Dialogue services, Orders and Faults can be also be found on the corresponding pages:

- [MPF/SMPF release information](#)

WLR3 release documentation (www.openreach.co.uk/wlr3)

On the pages below you will find the updated EMP xml specifications, functional changes and web services user guides. Information specific to Dialogue services, Orders and Faults can be also be found on the corresponding pages.

- [WLR3 PSTN release documentation](#)
- [WLR3 ISDN2 release documentation](#)
- [WLR3 ISDN30 release documentation](#)

Cross products

[EMP response code list](#)

As the development process progresses Openreach reserve the right to amend the scope of the release and the supporting documentation as this may be refined and reduced. Openreach accepts no liability for planning undertaken by CPs based on this documentation.

CPs will also be advised via formal planned outage notifications of the planned downtime as the new services are being implemented on EMP.

For further information please contact your Sales & Relationship Manager.

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CPs will also be advised via formal planned outage notifications of the planned downtime as the new services are being implemented on EMP.

As the development process progresses Openreach reserves the right to amend the scope and dates of the release. Openreach accepts no liability for planning undertaken by CPs based on this indicative list.

Terminology	Definitions
Feasibility only	To establish the viability and practicality of the demand
Investigation only	To explore the demand to identify different options available to provide a solution
Funding only	The demand is seeking funding only, and no other activity will take place during this release
Build only	The demand will be built only during this release
Build and Test	The demand, will be built and tested during this release

Test only	The demand has been built, and will be tested only during this release
Test and deploy	The demand will be deployed upon successful testing during this release
E2E Delivery	The demand will be built, and deployed upon successful testing during this release
Deployed (switched off)	The successfully tested demand will be deployed in a “switched off” state during this release, ready to “go live” and consumed by the CP’s at a release TBC.