



O₂ Fixed Service Bolt Ons

September 2010

1. Landline

1.1 Landline Bolt Ons

Features that are pre-provisioned on a line

Landline Bolt Ons	Single Line	Multi Line (First Line)	Multi Line (Aux Line)
1471 and Call Return Customers can hear the number of the last caller together with the time and date of the call. The call can be returned by pressing '3' after the number. The customer can override the last number stored and replace with 'Number withheld' by dialling "1475" (Call Return Erasure). Call Return is provided by default as a non-chargeable service. If the customer wants Call Return disabled, then they must request Bar Use of Call Return.	Y	N	N
Reminder Call Allows the customer to set up a single or multiple reminder calls.	Y	N	N
Ring Back If the customer makes a call and hears an engaged tone, they can press "5" to request a Ring Back. Up to five Ring Back requests can be in place at any one time. When using Ring Back an announcement will tell them if the network is able to accept their request, if not then the End User will hear a rejection announcement or will continue to hear the engaged tone. The busy number will be monitored by the network for up to 45 minutes after which time the ring back will be cancelled.	Y	N	N
Three Way Calling Three Way Calling allows the customer to speak to two other people at the same time including where one or both of them are abroad. Call Waiting will not work for the duration of the Three Way Call.	Y	N	N
Withhold Number '141' Allows the customer to withhold their number on a per call basis.	Y	Y	Y

Standard Features that can be provisioned on a line.

Landline Bolt Ons	Single Line	Multi Line (First Line)	Multi Line (Aux Line)
<p>Caller Display</p> <p>Caller Display allows the customer to view a caller's number on a display when the call is being received.</p> <p>The number cannot be received (and therefore cannot be displayed) for: Chargecard calls, calls from outside the UK, calls withheld by 141 or withheld numbers, calls originating from some non BT networks, and calls from some Payphones.</p>	Y	Y	As per first line
<p>Selective Call Barring (O₂ Controlled)</p> <p>Options are:</p> <ul style="list-style-type: none"> Premium Rate Services (PRS) International calls & Premium Rate Services (PRS) Except <p>Customer can request O₂ to apply call barring which cannot be changed by an end user with a touchtone phone.</p> <p>Premium Rate Services (PRS)</p> <p>Blocks calls to 09 numbers: 0900, 0901, 0902, 0903, 0904, 0905, 0906, 0907, 0908 and 0909. (NOTE: Emergency services calls to 999 and 112 and all other calls are still permitted.)</p> <p>International calls & Premium Rate Services (PRS)</p> <p>All 00 and 09 numbers: 0900, 0901, 0902, 0903, 0904, 0905, 0906, 0907, 0908 and 0909. (NOTE: Emergency services calls to 999 and 112, calls to 00800 (the Universal International Freephone) and all other calls are still permitted.)</p> <p>Except</p> <p>Blocks all calls with the exception of Emergency services calls to 999 and 112 and 150, 151, 152, 154, 0800, 00800, 0808, 0500, CPS, 144, 15x route to credit control, and reverse charge calls.</p> <p>This feature is incompatible with 1571. If 1571 is required with call barring, then call diversion must be applied first.</p>	Y	Y	Y
<p>Call Diversion (Customer Controlled)</p> <p>Enables the customer to divert calls to another UK, International or mobile number. Divert can be for all calls, on no reply, on busy or on no reply or busy.</p> <p>Up to 8 simultaneous calls can be diverted.</p> <p>This feature is incompatible with smart divert and call waiting. If Call Diversion is required with Call Barring, then call diversion must be applied first.</p>	Y	Y	As per first line

Landline Bolt Ons	Single Line	Multi Line (First Line)	Multi Line (Aux Line)
<p>Call Minder Custom</p> <p>Call Minder Custom provides voicemail for landline. Some of the key features are:</p> <p>Remote access is available using a PIN from another phone at standard call rates.</p> <p>Personal greeting provides the ability to record your own greeting or use the standard BT message.</p> <p>Message length of up to 5 minutes.</p> <p>Up to 30 messages stored and messages saved for 30 days.</p> <p>New Messages are retained for up to 6 months.</p> <p>End users can set their own ringing period on no reply.</p> <p>Text Alert feature sending an SMS to a linked mobile whenever a new message arrives in the mailbox.</p> <p>Message alert on busy. A message can be left when the line is busy & the system will ring back to indicate a new message has been deposited.</p> <p>1571 is incompatible with inbound barring.</p>	Y	Y	As per first line
<p>Call Sign</p> <p>With Call Waiting, the customer will hear a beep during a call to indicate that they have another incoming call. The customer has the option to end their original call and take the new call, swap between both calls, or continue with their current call. In the latter case, the caller will be asked to ring back later.</p> <p>If customer has all inbound calls diverted or inbound calls diverted when the line is engaged (using either Customer Controlled Call Diversion or Admin Controlled Call Diversion), then Call Waiting will not work. Call Waiting will also not work if the End User is on a Three Way Call.</p>	Y	Y	Y
<p>Call Waiting</p> <p>With Call Waiting, the customer will hear a beep during a call to indicate that they have another incoming call. The customer has the option to end their original call and take the new call, swap between both calls, or continue with their current call. In the latter case, the caller will be asked to ring back later.</p> <p>If customer has all inbound calls diverted or inbound calls diverted when the line is engaged (using either Customer Controlled Call Diversion or Admin Controlled Call Diversion), then Call Waiting will not work. Call Waiting will also not work if the End User is on a Three Way Call.</p>	Y	N	N

Landline Bolt Ons	Single Line	Multi Line (First Line)	Multi Line (Aux Line)
<p>Smart Divert</p> <p>Smart Divert allows the customer to control the diverts on a line from the line or from a remote line. To access the service remotely an Access Number and PIN is used.</p> <p>Smart Divert enables the customer to have all calls diverted to another number - anywhere in the UK, most overseas destinations or a mobile phone. Customers can choose to: divert all calls; divert on no reply; and divert when the line is busy.</p> <p>A message is given to the caller when diverting on 'no reply', alternatively the customer can request the message is not played.</p> <p>Up to 8 calls can be diverted simultaneously.</p> <p>This feature is incompatible with Customer Controlled Call Divert and Call Waiting. If it is required with Call Barring, then Smart Divert must be applied first.</p>	Y	Y	As per first line

Additional Features that can be provisioned on a line

Landline Bolt Ons	Single Line	Multi Line (First Line)	Multi Line (Aux Line)
<p>Anonymous Call Rejection</p> <p>Anonymous Call Rejection service allows customers to block calls from callers who have withheld their number. It does not block calls where the identity of the caller cannot be obtained e.g. Chargecard, payphone, international etc.</p>	Y	Y	As per first line
<p>Bar Use of 141 Withhold Number</p> <p>This service prevents the use of the "141" prefix, Withhold Number service by a caller on a per call basis. There is no charge for this service.</p>	Y	Y	As per first line
<p>Bar Use of 1470 Release Number</p> <p>The "1470" prefix is used where a customer has Withhold Number set up on their line and wishes to release their number on a per call basis. Bar Use of 1470 disables this facility so that a customers Withhold Number service cannot be overridden. There is no charge for this service.</p>	Y	Y	As per first line
<p>Bar Use of Call Return (1471)</p> <p>This service prevents the use of call return within 1471.</p>	Y	Y	As per first line
<p>Call Barring (Customer Controlled)</p> <p>Customer can bar certain outbound and inbound calls including national, international, mobile, premium rate and operator calls.</p> <p>The customer is provided with a PIN.</p> <p>This feature is incompatible with 1571.</p>	Y	Y	As per first line

Landline Bolt Ons	Single Line	Multi Line (First Line)	Multi Line (Aux Line)
Call Barring – Indirect Access (O₂ Controlled) This service rejects any outgoing call attempt by an End User using indirect access services.	Y	Y	Y
Bypass Number Bypass Number allows a call to be delivered to a landline irrespective of inbound barring. Bypass Number is available with either Smart Divert, Call Diversion or Call Barring.	Y	Y	N
Call Diversion (O₂ Controlled) Enables all calls to be diverted to another number – anywhere in the UK, most overseas destinations or a mobile phone. This feature is incompatible with Call Waiting.	Y	Y	As per first line
Remote Call Forwarding (O₂ Controlled) Remote Call Forward is an exchange facility for transferring incoming calls to a different location. The Caller dials the advertised number and is automatically diverted to the final destination without any announcement. Available for a minimum of 3 months.	Y	Y	As per first line
Called Party Answer Call Party Answer uses line polarity to indicate when a called party line has answered a call to indicate when charging will be applied. This service replaces pulse meter. It is provided as standard on multi-line.	Y	Y	As per first line
Choose to Refuse Choose to Refuse allows the customer to bar the number of the last answered call. A maximum of ten numbers can be barred. The customer is allocated a PIN to ensure that they are the only person who can manage the barred list.	Y	N	N
Direct Connect Direct Connect service will automatically dial a preset number when the handset of the connected telephone is lifted. This service is typically used in public places to connect people to a specific service, such as a taxi company.	Y	N	N

Landline Bolt Ons	Single Line	Multi Line (First Line)	Multi Line (Aux Line)
Permanent Call Barring (per line) <p>This feature is line based - outgoing/incoming barring can be applied to specified lines in an installation.</p> <p>The options are:</p> <ul style="list-style-type: none"> Permanent Outgoing Call Barring (OCB) is available so that End Users can only receive incoming calls. No calls can be made from lines with Permanent OCB. Permanent OCB applies to all call types, including emergency calls. Permanent Incoming Call Barring (ICB) is available so that End Users only have the option to make outgoing calls. All incoming calls are barred. An End User calling a number which has ICB applied to the line will receive either an announcement stating that calls to this number are unavailable or number unobtainable tone. 	Y	Y	Y
Presentation Number <p>Enables the customer to have a different number for the Calling Line Identity for outgoing calls.</p> <p>The number must start with 0 and cannot be a premium rate number, an international number or a number where incoming lines are barred.</p>	Y	Y	As per first line
Reminder Call <p>Monthly rental option which allows unlimited use of Reminder Calls.</p>	Y	N	N
Ring Back <p>Monthly rental option which allows unlimited use of Ring Back.</p>	Y	N	N
Ring Back Inhibit <p>Ring Back Inhibit is for customers who do not wish to receive Ring Back requests against their number. This service is free of charge.</p>	Y	N	N
Smart Divert with Bypass number <p>Smart divert, but with a bypass number which allows a call to be delivered to the landline irrespective of inbound barring.</p> <p>This feature is incompatible with customer controlled call divert and call waiting. If it is required with call barring, then smart divert must be applied first.</p>	Y	Y	As per first line
Three Way Calling <p>Monthly rental option which allows unlimited use of Three Way Calling.</p>	Y	N	N
Caller Redirect <p>Caller Redirect refers callers to a different number when the customers ceases service and takes up service elsewhere.</p> <p>This service replaces the working line, rather than being an additional service on the working line.</p>	Y	Y	As per first line

2. ISDN2

2.1 ISDN2 Bolt Ons

Standard numbering that can be provisioned on a line.

ISDN2 Bolt On	ISDN2e Standard	ISDN2e System
<p>Multi Subscriber Numbering - MSN</p> <p>The MSN service allows up to 10 directory numbers to be assigned to an ISDN2e line.</p> <p>Incoming calls can be presented over either of the two channels.</p> <p>As a default the network will send 6 digits e.g. for a call to 02076661234 the network will send 661234. Customer Premise Equipment needs to be compatible to support MSN.</p> <p>All calling features are applicable to all MSN numbers on the line.</p>	Y	N
<p>DDI (Direct Dial In)</p> <p>DDI allows direct access to extension users without going via the ISPBX operator. With DDI a range of numbers is allocated to a group of channels.</p> <p>A group of ISDN2e system access channels can be allocated up to a maximum of 5 separate DDI ranges, each number range will have a minimum of 10 consecutive numbers.</p>	N	Y
<p>SNDDI (Single Number Direct Dial In)</p> <p>SNDDI allows for the provision of individual single numbers as DDI ranges (as opposed to the standard DDI range which allocates numbers in multiples of 10).</p>	N	Y
<p>Call Forwarding (Customer Controlled)</p> <p>This service allows a customer to select the forwarded to destination for their incoming calls by configuring their own CPE.</p> <p>The customer will be charged for the forwarded leg of the call.</p>	Y	Y
<p>Call Forwarding (O₂ Controlled)</p> <p>When a customer ceases service and takes up service elsewhere, or has a line renumbered, Remote Call Forward (RCF) can be used to divert calls to an alternative number. The customer will be charged for the divert. The options available are:</p> <ul style="list-style-type: none"> • Call Forwarding Unconditional - All incoming calls (voice and data) are immediately forwarded to any telephone number capable of receiving the calls. • Call Forwarding on No Reply - The service automatically forwards all incoming calls (voice and data) to the programmed number if the customer does not answer the call within approximately 20 seconds. • Call Forwarding on Busy - The service automatically forwards all incoming calls (voice and data) to the programmed number if the customer is engaged. The forwarding takes place when all channels are in use or when an individual called number is busy (CPE supplies a 'User Determined Busy' signal to the network). <p>This service replaces a working line, rather than being an additional service on a working line.</p>	Y	Y

ISDN2 Bolt On	ISDN2e Standard	ISDN2e System
Calling Line Identity Presentation (CLIP) CLIP allows the called End User to receive and display the calling party's line identity (CLI or Telephone number) before answering the call. The called party will only receive this information if the caller has not restricted the sending of their number (CLI) and if they have subscribed to the CLIP service.	Y	Y
Calling Line Identity Restriction (CLIR) CLIR allows the end user to request that their identities (telephone numbers or CLI) are not revealed at any time. The release of CLI can also be controlled on a per call basis by using a CLI Restrict function on terminal equipment or by using the following prefix digits: <ul style="list-style-type: none"> • By dialling 141 before dialling the telephone number your CLI will not be delivered to the called party; • By dialling 1470 before dialling the telephone number you can release your CLI so that it can be delivered to the called party. This is only applicable when CLIR is activated. 	Y	Y
Call Waiting and Call Hold This facility allows an incoming call to be offered to the terminal equipment even though all circuits are busy. The terminal may optionally HOLD (or terminate) an existing call and accept the incoming call.	Y	N
Call Deflection Call deflection allows a customer to deflect an incoming call to another number without answering it. The service is invoked via the menu options found on the latest ETSI compliant CPE. End Users are advised to contact their equipment supplier to confirm the compatibility of their CPE with these services. Deflection allows a called End User to respond to an incoming voice or data call by deflecting the call to another number without answering it.	Y	Y
Presentation Number This service enables an End User line to be set up such that the outgoing CLI, normally the Directory Number, or a DDI associated with the line, is replaced by an alternative number, specified by the End User. There are strict guidelines relating to which numbers can be used.	Y	Y
Permanent Call Barring (O₂ Controlled) The options are: <ul style="list-style-type: none"> • Permanent Outgoing Call Barring (OCB) is available so that End Users can only receive incoming calls. No calls can be made from lines with Permanent OCB. Permanent OCB applies to all call types, including emergency calls. • Permanent Incoming Call Barring (ICB) is available so that End Users only have the option to make outgoing calls. All incoming calls are barred. An End User calling a number which has ICB applied to the line will receive either an announcement stating that calls to this number are unavailable or number unobtainable tone. 	Y	Y

ISDN2 Bolt On	ISDN2e Standard	ISDN2e System
<p>Sub Addressing - 20 Octet</p> <p>For calls from ISDN lines, this service allows up to 20 Alpha numeric characters (except #) to be sent with the dialled number to select destinations or end points beyond that indicated by the national number. Different combinations of characters can then be allocated to each device connected to an ISDN line.</p> <p>Sub Addressing cannot be used on calls to the PSTN or on International Speech calls.</p> <p>For ISDN2/30e to ISDN30 DASS this service allows up to 6 alpha Numeric characters.</p>	Y	Y
<p>Selective Call Barring (O₂ Controlled)</p> <p>Selective OCB (Outgoing Call Barring) bars certain categories of outgoing calls. Emergency. The options are:</p> <ul style="list-style-type: none"> • 999 and 112 are excluded from barring; • National, International and premium rate service; • International and premium rate services; • Operator calls; • International, operator and premium rate calls. 	Y	Y

Non-Standard Features that can be provisioned on a line

ISDN2 Bolt On	ISDN2e Standard	ISDN2e System
<p>Anonymous Call Reject</p> <p>Anonymous Call Reject service allows customers to block calls from callers who have withheld their number. It does not block calls where the identity of the caller cannot be obtained e.g. Chargecard, payphone, international etc.</p>	Y	Y
<p>Connected Line Identity Presentation (COLP)</p> <p>Connected Line Identity Presentation allows the End User to receive the Line Identity (telephone number or CLI) of the customer to whom their outgoing call has been connected.</p> <p>The COLP service is only available when the called party is also using an ISDN2e or ISDN30e line.</p>	Y	Y
<p>Connected Line Identity Restriction (COLR)</p> <p>The release of a CLI to incoming callers can be restricted using the COLR service.</p>	Y	Y
<p>Digits to Switch</p> <p>Digits to Switch allows End Users to programme CPE with part or all of their Directory number, so incoming calls can be routed to the correct piece of terminal equipment.</p>	Y	Y

ISDN2 Bolt On	ISDN2e Standard	ISDN2e System
Terminal Portability This facility allows for a terminal to be disconnected from its ISDN2e socket and reconnected to another socket on the same line during a call without losing the call. The line must be configured for Point to Multi Point (S/T – Reference Point) working and the terminal equipment must be able to support this facility.	Y	N

Caller Redirect Features that can be provisioned on a line.

ISDN30 Caller Re-direct	ISDN30e	ISDN30 DASS
Caller Redirect When a customer ceases service and takes up service elsewhere, or has a line renumbered, Caller Redirect can be used to refer callers to the new number, where the customer requests this. The most common usage is when an customer moves address into a new exchange area and cannot retain their existing number(s). The End User can request Caller Redirect be set up so that callers to their old number(s) are informed of the new numbers and are thus still able to contact that particular customer. Calls made to a number that has Caller Redirect on are free to the caller. This service is different to most other Calling and Network Features in that it replaces a working line, rather than being an additional service on a working line. End Users may also consider Remote Call Forwarding as an alternative option.	Y	Y

Admin Controlled Features that can be provisioned on a line

ISDN2 Bolt On	ISDN2e Standard	ISDN2e System
Busy Out Line (BOL) BOL can be requested in a fault situation and applied to a faulty ISDN2e line. When applied on an installation BOL will deactivate only those lines or channels on which it is applied and hence the End User can still receive/manage calls through any other active channels they may have on their installation. Once the fault has been fixed BOL is removed. BOL is applied on per copper pair basis (pair of channels). BOL is a very useful feature for ISDN2 System where there are multiple channels.	Y	Y
Temporary Call Diversion (TCD) Temporary Call Diversion allows O ₂ to request that calls be temporarily diverted when a fault is diagnosed and remains while the fault is being repaired. O ₂ specify the 'divert to' number. Any Indirect Access Call Barring (IACB) will be temporarily removed for the duration of the temporary divert.	Y	Y

3. ISDN30

3.1 ISDN30 Bolt-ons

Standard numbering that can be provisioned on a line.

Standard ISDN30 Bolt On	ISDN30e	ISDN30 DASS
Call Forwarding (O₂ Controlled) This service allows a customer to select the forwarded to destination for their incoming calls by configuring their own CPE. The options available are: <ul style="list-style-type: none">• Call Forwarding Unconditional - All incoming calls (voice and data) are immediately forwarded to any telephone number capable of receiving the calls.• Call Forwarding on No Reply - The service automatically forwards all incoming calls (voice and data) to the programmed number if the customer does not answer the call within approximately 20 seconds.• Call Forwarding on Busy - The service automatically forwards all incoming calls (voice and data) to the programmed number if the customer is already engaged. The forwarding takes place when either all channels are in use, or when an individual called number is busy (CPE supplies a 'User Determined Busy' signal to the network). The customer is charged for the forwarded leg of the call.	Y	N
Calling Line Identity Presentation (CLIP) CLIP allows the called End User to receive and display the calling party's line identity (CLI or Telephone number) before answering the call. The called party will only receive this information if the caller has not restricted the sending of their number (CLI) and if they have subscribed to the CLIP service.	Y	Y
Calling Line Identity Restriction (CLIR) CLIR allows the End User to request that their identities (telephone numbers or CLI) are not revealed at any time. The release of CLI can also be controlled on a per call basis by using a CLI Restrict function on terminal equipment or by using the following prefix digits: <ul style="list-style-type: none">• By dialling 141 before dialling the telephone number your CLI will not be delivered to the called party;• By dialling 1470 before dialling the telephone number you can release your CLI so that it can be delivered to the called party. This is only applicable when CLIR is activated.	Y	Y
Call Deflection Call deflection allows a customer to deflect an incoming call to another number without answering it. The service is invoked via the menu options found on the latest ETSI compliant CPE. End Users are advised to contact their equipment supplier to confirm the compatibility of their CPE with these services.	Y	N

Standard ISDN30 Bolt On	ISDN30e	ISDN30 DASS
<p>Permanent Call Barring (O₂ Controlled)</p> <p>This allows customer to bar outbound or inbound calls, which cannot be changed by the End User using a Touchtone handset.</p> <p>The options available are:</p> <ul style="list-style-type: none"> • ISDN30 Permanent Outgoing Calls Barred (prevents all calls including 999/112), i.e. dial-tone is removed • ISDN30 Permanent Incoming Calls Barred <p>End users can have an outbound call barring option active at the same time as inbound calls are barred.</p>	Y	Y
<p>Presentation Number</p> <p>This service enables a customer line to be set up such that the outgoing CLI, normally the Directory Number, or a DDI associated with the line, is replaced by an alternative number, specified by the End.</p> <p>ISDN30e supports only one presentation number, whereas ISDN30e DASS can support one presentation number per billing number.</p>	Y	Y
<p>Selective Call Barring (O₂ Controlled)</p> <p>This allows customer to bar certain types of outbound or inbound calls, which cannot be changed by the End User using a Touchtone handset.</p> <p>The options available are:</p> <ul style="list-style-type: none"> • All calls (except 999, 150, 151, 152, 154 and 0800) • International calls & Premium Rate Services (PRS) • National, International calls & PRS (except 999, 150, 151, 152, 154 and 0800) • Operator Controlled calls (except 0800, 999, 150, 151, 152 and 154) • International, Operator & Premium Rate Service calls <p>End users can have an outbound call barring option active at the same time as inbound calls are barred.</p>	Y	Y
<p>Sub Addressing - 6 Octet</p> <p>For calls from ISDN lines, this service allows up to 6 Alpha numeric characters (except #) to be sent with the dialled number to select destinations or end points beyond that indicated by the national number. Different combinations of characters can then be allocated to each device connected to an ISDN line.</p> <p>Sub Addressing cannot be used on calls to the PSTN or on International Speech calls.</p>	N	Y
<p>Sub Addressing - 20 Octet</p> <p>For calls from ISDN lines, this service allows up to 20 Alpha numeric characters (except #) to be sent with the dialled number to select destinations or end points beyond that indicated by the national number. Different combinations of characters can then be allocated to each device connected to an ISDN line.</p> <p>Sub Addressing cannot be used on calls to the PSTN or on International Speech calls.</p>	Y	N

Non-Standard features that can be provisioned on a line.

Non-standard ISDN30 Bolt On	ISDN30e	ISDN30 DASS
Anonymous Call Reject ACR service allows customers to block calls from callers who have withheld their number. It does not block calls where the identity of the caller cannot be obtained e.g. Chargecard, payphone, international etc.	Y	Y
Call Barring (Customer Controlled) This allows customer to bar certain types of outbound or inbound calls. The options available are: <ul style="list-style-type: none"> • Bars almost all calls (except 999, 112, 150, 151, 152, 154, 0800, 12822, 144, CPS and reverse charge calls) • Bars national calls, international calls and calls to mobiles • Bars international calls • Bars all operator-connected calls • Bars calls to numbers with * or # in them, this will include some Calling and Network Features but does not bar Call Barring itself • Premium Rate calls • Inbound calls Customers can have an outbound call barring option active at the same time as inbound calls are barred.	N	Y
Call Barring – Indirect Access (O₂ Controlled) Indirect Access Call Barring (IACB) is a network feature that rejects any outgoing call attempt by an End User who uses Indirect Access services.	Y	Y
Call Diversion (O₂ Controlled) Call Diversion enables the customer to have all calls diverted to another number - anywhere in the UK, most overseas destinations or a mobile phone. All incoming calls are diverted irrespective of whether the line is in use or not. All calls are diverted and cannot be changed by the End User using a Touchtone handset.	Y	Y
Call Diversion (Customer Controlled) The options available are: <ul style="list-style-type: none"> • Basic for All calls All Voice calls incoming to the diverting group of lines are immediately diverted to the directory number that was nominated to receive the diverted calls. This is not available across DDI ranges. • on Engaged and Failure (cannot be supplied separately) If all channels within a group are engaged , or on a failure of the ISDN 30(DASS) link then calls are diverted to a pre-arranged telephone number, set by the customer when activating the service. (not available across DDI ranges). • on No Reply When activated, all incoming calls that remain unanswered for, approximately, 20 seconds will be re-directed to the telephone number previously set by the customer. This is not available across DDI ranges. This service allows End Users to manage the temporary diversion of incoming calls to a group of channels to a nominated number. The customer also requires the relevant software on his iSPBX/ CPE to activate this service.	Y	N

Non-standard ISDN30 Bolt On	ISDN30e	ISDN30 DASS
Call Forwarding When a customer ceases service and takes up service elsewhere, or has a line renumbered, Remote Call Forward (RCF) can be used to divert calls to an alternative number. The customer will be charged for the divert. This service replaces a working line, rather than being an additional service on a working line.	Y	Y
Channel Busy (Customer Controlled) This service allows a customer to restrict the presentation of calls to selected channels within a hunt group. Channels selected are 'busied out' and form a 'busy list'. A customer can have up to 15 'busy lists'.	N	Y
Connected Line Identity Presentation (COLP) Connected Line Identity Presentation allows the End User to receive the Line Identity (telephone number or CLI) of the customer to whom their outgoing call has been connected. The COLP service is only available when the called party is also using an ISDN2e or ISDN30e line.	Y	N
Connected Line Identity Restriction (COLR) The release of a Customer Line Identity to incoming callers can be restricted using the COLR service.	Y	Y

Caller Redirect Features that can be provisioned on a line.

ISDN30 Caller Re-direct	ISDN30e	ISDN30 DASS
Caller Redirect When a customer ceases service and takes up service elsewhere, or has a line renumbered, Caller Redirect can be used to refer callers to the new number, where the customer requests this. The most common usage is when an customer moves address into a new exchange area and cannot retain their existing number(s). The End User can request Caller Redirect be set up so that callers to their old number(s) are informed of the new numbers and are thus still able to contact that particular customer. Calls made to a number that has Caller Redirect on are free to the caller. This service is different to most other Calling and Network Features in that it replaces a working line, rather than being an additional service on a working line. End Users may also consider Remote Call Forwarding as an alternative option.	Y	Y

Admin Controlled Features that can be provisioned on a line.

ISDN30 Bolt On	ISDN30e	ISDN30 DASS
Temporary Call Diversion (T2R) The TCD product allows O ₂ to request that calls be diverted when a fault is diagnosed and remains while the fault is being repaired. O ₂ specify the 'divert to' number. Any Indirect Access Call Barring (IACB) will be temporarily removed for the duration of the divert.	Y	Y