

(CFV), and Call Waiting (CW). If a station has CFV and CFBL or CFDA active, then CFV will override the CFBL and/or CFDA features. If a station has CW and CFBL, CW will normally take precedence over the CFBL feature. However, if the station is made busy by a make-busy key arrangement, CW is not invoked and the CFBL feature takes precedence.

5. References:

- o LSSGR (FR-NWT-000064), Section 4.2, FSD 01-02-1404 Call Forwarding Busy Line, Issue 2, April 1991, Module TR-TSY-000504.
- o FSD 01-02-0801 Series Completion, Issue 1, May 1990, Module TR-TSY-000568.
- o TR-TSY-000586, FSD 01-02-1450 Call Forwarding Subfeatures, Issue 1, July 1989.

### Call Forwarding - Busy Line Interswitch

Call Forwarding Busy Line (CFBL) is a central office software capability that allows a client to have an incoming call redirected to another Directory Number (DN) if the number dialed (the client's number) is in a busy condition. The service is activated by a service order. A call forwarded due to a busy condition would always forward to the preprogrammed number (selected at the time of the service order). The called number and the redirected number may be in the same or in different central office switches. The service is deactivated or the preprogrammed number is changed by a service order.

Generic Name of ONA Service	GTE Product Name	BSE or CNS
Call Forwarding - Busy Line Interswitch	Call Forwarding Busy Line - Fixed	CNS

### FEATURE OPERATION:

This feature is activated/deactivated by a service order. The "forward to" number is also selected and preprogrammed at the time of the service order. (Refer to the capabilities called "Call Forwarding - Busy Line or Don't Answer - Customer Control of Activation/Deactivation" and "Call Forwarding - Busy Line or Don't Answer - Customer Control of Forward-To Number" for the services with customer control.)

### TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	Earliest Generic Release
DCO	17
EWSD	7
GTD-5	1.6.2.1
DMS-10	305.2
1AESS	1AE10.09*
5ESS	5E2(2)
DMS-100	BCS24
#2EAX	1.2.9.1

\* References to switching system generics that have not yet been released by the vendors are based on our current information about which features are planned for inclusion in those generic releases. If the vendors change the availability of any features for future generic releases that are referenced in this document, the availability of some services may be affected.

2. Multiline customers can have CFBL on each line if desired.

3. Calls may be forwarded to any telephone number, including DID numbers, served by the same or a different central office.
4. Subscribers may have CFBL with Call Forwarding Don't Answer (CFDA), Call Forwarding Variable (CFV), and Call Waiting (CW). If a station has CFV and CFBL or CFDA active, then CFV will override the CFBL and/or CFDA features. If a station has CW and CFBL, CW will normally take precedence over the CFBL feature. However, if the station is made busy by a make-busy key arrangement, CW is not invoked and the CFBL feature takes precedence.
5. References:
  - o LSSGR (FR-NWT-000064), Section 4.2, FSD 01-02-1404 Call Forwarding Busy Line, Issue 2, April 1991, Module TR-TSY-000504.
  - o FSD 01-02-0801 Series Completion, Issue 1, May 1990, Module TR-TSY-000568.
  - o TR-TSY-000586, FSD 01-02-1450 Call Forwarding Subfeatures, Issue 1, July 1989.

**Call Forwarding - Busy Line or Don't Answer - Customer Control of Activation/Deactivation**

This capability provides ESP's clients with the ability to activate the Call Forwarding Busy Line and Call Forwarding Don't Answer features by dialing an access code in the form of \*XX. The ESP's client will be able to deactivate the Call Forwarding Busy Line and Call Forwarding Don't Answer features by dialing another access code, also in the form of \*XX.

Limitations may apply, depending on the type of switching systems serving the client.

Generic Name of ONA Service	GTE Product Name	BSE or CNS
Call Forwarding - Busy Line or Don't Answer - Customer Control of Activation/Deactivation	Call Forward-Busy/No Answer - Variable	CNS

**FEATURE OPERATION:**

Customer control of Call Forwarding Busy Line/Don't Answer is a central office software capability that allows a subscriber to activate and deactivate Call Forwarding Busy Line (CFBL) and/or Call Forwarding Don't Answer (CFDA). Activation of these services allows the customer to have an incoming call redirected to a telephone number preset at the time the service was established by service order. The service is activated/deactivated by the subscriber dialing the assigned access code. Access codes are in the same format as those for Call Forwarding Variable (\*XX). CFDA and CFBL may have different activation/deactivation codes. The party activating these services does not have to be in the same central office switch as the forwarded telephone number.

Also see the service called "Call Forwarding - Busy Line or Don't Answer - Customer Control of Forward-To Number."

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

1. This feature is available in the following central office switches:

Switch Type	Earliest Generic Release
DCO	17
EWSD	7
GTD-5	1.6.4.1
DMS-10	404.2
1AESS	1AE10.09*
5ESS	5E2(2)
DMS-100	BCS27
#2EAX	1.2.9.1

\* References to switching system generics that have not yet been released by the vendors are based on our current information about which features are planned for inclusion in those generic releases. If the vendors change the availability of any features for future generic releases that are referenced in this document, the availability of some services may be affected.

2. Multiline customers can have CFBL/DA - Customer Control on each line if desired.

3. References:

- o LSSGR (FR-NWT-000064) FSD 01-02-1450, Call Forwarding Subfeatures, Issue 1, July 1989, Module TR-TSY-000586.

**Call Forwarding-Busy Line or Don't Answer-Customer Control of Forward-To Number**

This capability provides the ESP's client with the ability to change the Forward-To number for Call Forwarding Busy Line by dialing an access code in the form of \*XX, and to change the Forward-To number for Call Forwarding Don't Answer by dialing another access code, also in the form of \*XX. Limitations may apply, depending on the type of switching system serving the client.

Generic Name of ONA Service	GTE Product Name	BSE or CNS
Call Forwarding-Busy Line or Don't Answer-Customer Control of Forward-To Number	Call Forward-Busy/No Answer - Variable	CNS

**FEATURE OPERATION:**

This feature can be controlled (activated or deactivated) by the customer in two ways.

1. The customer dials an activation code and the remote DN or the deactivation code. The codes are in the same format as Call Forwarding Variable (\*XX). Customer control of Call Forwarding Busy Line/Don't Answer is a central office software capability that allows a subscriber to have an incoming call redirected to another Directory Number (DN) if the number dialed (the subscriber's number) is in a busy condition or is not answered. The service is activated by the subscriber dialing an activation code, much in the same manner as Call Forwarding Variable, and entering the remote number that calls will be forwarded to. The called number and the redirected number do not have to be in the same switch. The service and forwarded-to number are deactivated by dialing the deactivation code.
2. The customer dials an access number (e.g., an 800 number or a regular NPA-NXX-XXXX number) from any station. An announcement is returned asking for the customer directory number and a security code. If the dialed directory number and security code match and the customer subscribes to CFBL, a prompt to select the feature (e.g., CFBL/DA) and the specific action (e.g., activation or deactivation) is returned. After making his change the customer can wait for a confirmation or use, at any time, the verify capability to determine the feature status and the forward to number.

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

1. This feature is available in the following central office switches:

Switch Type	Earliest Generic Release
DCO	17
EWSD	7
GTD-5	1.6.2.1
DMS-10	404.3
1AESS	1AE10.09*
5ESS	5E2(2)
DMS-100	BCS27
#2EAX	1.2.9.1

\* References to switching system generics that have not yet been released by the vendors are based on our current information about which features are planned for inclusion in those generic releases. If the vendors change the availability of any features for future generic releases that are referenced in this document, the availability of some services may be affected.

2. Multiline customers can have CFBL/DA - Customer Control on each line if desired.

3. The maximum number of digits that can be programmed are:

1A ESS - 16 digits  
5ESS - 24 digits  
DMS-100 - 24 digits

4. Subscribers may have CFBL with CFDA, Call Forwarding Variable (CFV), and Call Waiting (CW). If a station has CFV and CFBL or CFDA active, then CFV will override the CFBL and/or CFDA features. In the 1A ESS Call Waiting takes precedence and does not interact with CFBL. Un-answered Call Waiting calls do not revert to CFDA in either the 1A ESS or the 5ESS.

5. References:

- o LSSGR (FR-NWT-000064) FSD 01-02-1450, Call Forwarding Subfeatures, Issue 1, July 1989, Module TR-TSY-000586.

### Call Forwarding - Don't Answer Intraswitch

Call Forwarding Don't Answer (CFDA) is a central office software capability that allows a client to have an incoming call redirected to another Directory Number (DN) if the number dialed (the client's number) is not answered after a user-specified number of rings (or time interval). The service is activated by a service order. The called number and the redirected number (forwarded-to number) are coded in the central office memory and can only be changed through a service order. The customer may specify the number of rings (or time interval) at the time of the service order. The customer has the option of answering the call prior to its being forwarded, as long as the call is answered within the ringing cycle (time interval) selected. The called number and the redirected number (forwarded-to number) must be in the same central office switch. The service is deactivated, the forwarded-to number changed, or the number of rings (time interval) is changed only by a service order.

Generic Name of ONA Service	GTE Product Name	BSE or CNS
Call Forwarding - Don't Answer Intraswitch	Call Forward-No Answer - Fixed	CNS

### FEATURE OPERATION:

This feature is activated/deactivated by a service order. The "forward-to" number and the number of rings (time interval) is also selected and preprogrammed at the time of the service order. (Refer to the capabilities called "Call Forwarding - Busy Line or Don't Answer - Customer Control of Activation/Deactivation" and "Call Forwarding - Busy Line or Don't Answer - Customer Control of Forward-To Number" for the services with customer control.)

### TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	Earliest Generic Release
DCO	17
EWSD	7
GTD-5	1.6.2.1
DMS-10	404.2
1AESS	1AE8A
5ESS	5E2(2)
DMS-100	BCS24
#2EAX	1.2.9.1

2. **Multiline customers can have CFDA on each line if desired.**
3. **Calls may be forwarded to any telephone number served by the same central office that serves the base station except DID numbers in the 1A ESS. Forwarding to DID numbers in the 1A ESS will be available in generic 1AE10.09\*. (\* References to switching system generics that have not yet been released by the vendors are based on our current information about which features are planned for inclusion in those generic releases. If the vendors change the availability of any features for future generic releases that are referenced in this document, the availability of some services may be affected.)**
4. **Subscribers may have CFDA with Call Forwarding Busy Line (CFBL), Call Forwarding Variable (CFV), and Call Waiting (CW). If a station has CFV and CFBL or CFDA active, then CFV will override the CFBL and/or CFDA features. If a station has CW and CFDA, CFDA will take precedence over the CW feature if the station is idle. However, if the station is busy, CW will take precedence and does not allow the CFDA feature to take effect if the waiting call is unanswered.**
5. **References:**
  - o **LSSGR (FR-NWT-000064), Section 4.2, FSD 01-02-1407 Call Forwarding Don't Answer - All Calls, Issue 2, April 1991, Module TR-TSY-000504.**
  - o **TR-TSY-000586, FSD 01-02-1450 Call Forwarding Subfeatures, Issue 1, July 1989.**

### Call Forwarding - Don't Answer Interswitch

Call Forwarding Don't Answer (CFDA) is a central office software capability that allows a client to have an incoming call redirected to another Directory Number (DN) if the number dialed (the client's number) is not answered after a user-specified number of rings (or time interval). The service is activated by a service order. The called number and the redirected number (forwarded-to number) are coded in the central office memory and can only be changed through a service order. The customer may specify the number of rings (or time interval) at the time of the service order. The customer has the option of answering the call prior to its being forwarded, as long as the call is answered within the ringing cycle (time interval) selected. The called number and the redirected number (forwarded-to number) may be in the same or a different central office switch. The service is deactivated, the forwarded-to number changed, or the number of rings (time interval) is changed only by a service order.

Generic Name of ONA Service	GTE Product Name	BSE or CNS
Call Forwarding - Don't Answer Interswitch	Call Forward-No Answer - Fixed	CNS

### FEATURE OPERATION:

This feature is activated/deactivated by a service order. The "forward-to" number and the number of rings (time interval) is also selected and preprogrammed at the time of the service order. (Refer to the capabilities called "Call Forwarding - Busy Line or Don't Answer - Customer Control of Activation/Deactivation" and "Call Forwarding - Busy Line or Don't Answer - Customer Control of Forward-To Number" for the services with customer control.)

### TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	Earliest Generic Release
DCO	17.1
EWSD	9
GTD-5	1.6.2.1
DMS-10	305.2
1AESS	1AE10.09*
5ESS	5E2(2)
DMS-100	BCS24
#2EAX	1.2.9.1

- \* **References to switching system generics that have not yet been released by the vendors are based on our current information about which features are planned for inclusion in those generic releases. If the vendors change the availability of any features for future generic releases that are referenced in this document, the availability of some services may be affected.**
- 2. **Multiline customers can have CFDA on each line if desired.**
- 3. **Calls may be forwarded to any telephone number, including DID numbers, served by the same or a different central office.**
- 4. **The caller may hear multiple call progress tones if the remote DN is busy.**
- 5. **Subscribers may have CFDA with Call Forwarding Busy Line (CFBL), Call Forwarding Variable (CFV), and Call Waiting (CW). If a station has CFV and CFBL or CFDA active, then CFV will override the CFBL and/or CFDA features. If a station has CW and CFDA, CFDA will take precedence over the CW feature if the station is idle. However, if the station is busy, CW will take precedence and does not allow the CFDA feature to take effect if the waiting call is unanswered.**
- 6. **References:**
  - o **LSSGR (FR-NWT-000064), Section 4.2, FSD 01-02-1407 Call Forwarding Don't Answer, Issue 2, April 1991, Module TR-TSY-000504.**
  - o **TR-TSY-000586, FSD 01-02-1450 Call Forwarding Subfeatures, Issue 1, July 1989.**

### Call Forwarding - Multiple Simultaneous Calls Interswitch

This feature provides the capability to specify the number of simultaneous incoming calls to forward from the same number to a hunt group or equivalent arrangement such as DID when the forwarding number and the hunt group (or equivalent) are served by a different central office switch.

Generic Name of ONA Service	GTE Product Name	BSE or CNS
Call Forwarding - Multiple Simultaneous Calls Interswitch	Call Forwarding - Multipath	CNS

#### FEATURE OPERATION:

The maximum number of multiple simultaneous call forwarding is Telephone company defined on a per line basis, and on the basis of the type of call forwarding, at the time of service order entry.

#### TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	Earliest Generic Release
DCO	14.1
EWSD	7
GTD-5	1.6.3.3
1AESS	1AE10.10.2
5ESS	5E2(2)
DMS-100	BCS28

2. This capability is available for the Call Forwarding Variable (CFV), Call Forwarding Busy Line (CFBL) and Call Forwarding Don't Answer (CFDA) features.
3. In the 5ESS switch the number of simultaneous calls allowed can range in size from one to ninety-nine. In the DMS-100 the size can range from 1 to 1024 via the Residential Enhanced Services.
4. In the DMS-100 switches, there may be some limitations on providing this for CFBL or CFDA depending on the current Generic program of the serving central office.

5. References:

- o LSSGR (FR-NWT-000064), FSD 01-02-1401 Call Forwarding Variable, TR-TSY-000580, Issue 1, October 1989.
- o Also see TR-TSY-000586, FSD 01-02-1450 Call Forwarding Subfeatures, Issue 1, July 1989.

**Call Forwarding - Variable**

This capability provides the ESP's client with the ability to forward all calls to a second directory number for handling. As part of the activation of the feature, an associated call is placed to the ESP's forward-to number.

Generic Name of ONA Service	GTE Product Name	BSE or CNS
Call Forwarding - Variable	Variable Call Forwarding	CNS

**FEATURE OPERATION:**

To activate call forwarding variable with the ESP's number as the forward-to number, the ESP's client dials the call forwarding variable activation code. A recall dial tone (stutter dial tone) is provided, and then the ESP's client dials the ESP's number. When the ESP answers the call, activation is complete. (If the ESP does not answer, the customer may repeat the process within a specified amount of time, e.g., one minute, and the feature will be activated.) Depending on the type of central office switch serving the ESP's client, while call forwarding variable is active, the ESP's client's line will receive a reminder ring whenever a call is forwarded.

To deactivate the feature, the ESP's client dials the call forwarding variable deactivation code.

When call forwarding variable is active, the ESP's client's ability to originate calls will be unaffected.

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

1. This feature is available in the following central office switches:

Switch Type	Earliest Generic Release
DCO	14.1
EWSD	7
GTD-5	1.1.2.1
VIDAR	7.0.1.2
ITT-1210	7.2
DMS-10	208.1
1AESS	1AE8A
5ESS	5E2(2)
DMS-100	BCS23
#2EAX	1.2.9.1

2. Call Forwarding Variable will override Call Forwarding Don't Answer and Call Forwarding Busy Line if all three features are active at the same time.
3. Calls may be forwarded to any telephone number including DID numbers served by the same or a different central office.
4. References:
  - o LSSGR (FR-NWT-000064), FSD 01-02-1401 Call Forwarding Variable, Issue 1, October 1989, Module TR-TSY-000580.
  - o TR-TSY-000586, FSD 01-02-1450 Call Forwarding Subfeatures, Issue 1, July 1989.

**Call Forwarding - Variable - Activation Without Courtesy Call**

This capability provides the ESP's client with the ability to activate the call forwarding variable (forward all calls) feature WITHOUT completing a call to the ESP's forward-to number.

Generic Name of ONA Service	GTE Product Name	BSE or CNS
Call Forwarding - Variable - Activation Without Courtesy Call	Variable Call Forwarding	CNS

**FEATURE OPERATION:**

To activate call forwarding variable with the ESP's number as the forward-to number, the ESP's client either dials the call forwarding variable activation code of the form \*XX or an access number:

1. **Dialing an activation code.** A recall dial tone (stutter dial tone) is provided, and then the ESP's client inputs the ESP's number by dialing it. If the activation can be accomplished for the designated forward-to address, then the switch responds with confirmation tone.
2. **Dialing an Access Number.** The customer dials an access number (e.g., an 800 number or a regular NPA-NXX-XXXX number) from any station. An announcement is returned asking for the customer directory number and a security code. If the dialed directory number and security code match and the customer subscribes to the service a prompt to select the feature (e.g., CFV) and the specific action (i.e., activation) is returned. After making the change the customer can wait for a confirmation or use, at any time, the verify capability to determine the feature status and the forward to number.

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

1. This feature is available in the following central office switches:

Switch Type	Earliest Generic Release
DCO	15.1
EWSD	7
VIDAR	7.1.0.2
5ESS	5E2(2)*

\* Requires Business and Residence Custom Service (BRCS).

2. When call forwarding variable is active, the ESP's client's ability to originate calls will be unaffected.

3. References:

- o LSSGR (FR-NWT-000064) FSD 01-02-1450 Call Forwarding Subfeatures, Issue 1, July 1989, Module TR-TSY-000586.
- o TR-TSY-000580 Call Forwarding Variable FSD 01-02-1401, Issue 1, October 1989.

### Call Forwarding - Variable - Remote Activation/Control

This capability gives the ESP's client the ability to activate or deactivate the call forwarding variable (forward all calls) feature from remote locations other than their base station. The signaling used to activate or deactivate the call forwarding feature from the remote location must be from a Dual Tone Multi-Frequency (DTMF) set.

Generic Name of ONA Service	GTE Product Name	BSE or CNS
Call Forwarding - Variable - Remote Activation/Control	Remote Access - CF Variable	CNS

#### FEATURE OPERATION:

The ESP's client has two options for changing the forward-to number from a remote station.

1. The remote activation of call forwarding variable feature provides a dedicated directory number that can be used for remote activation. A caller may place a call to this remote activation directory number from any station. Calls to this number are answered with a tone or announcement. The caller then dials, on a DTMF station from his/her remote location, his/her home (base station) directory number and a security code. If the dialed directory number and security code match and that customer subscribes to remote activation, confirmation tone followed by dial tone is returned. The customer then proceeds through the call forwarding activation/deactivation procedure as if at home (at the base station).
2. Dialing an Access Number. The customer dials an access number (e.g., an 800 number or a regular NPA-NXX-XXXX number) from any station. An announcement is returned asking for the customer directory number and a security code. If the dialed directory number and security code match and the customer subscribes to remote activation, a prompt to select the feature (e.g., CFV) and the specific action (e.g., activation or deactivation) is returned. After entering his selection, the customer can wait for a confirmation or use, at any time, the verify capability to determine the feature status and the forward to number.

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

1. This feature is available in the following central office switches:

Switch Type	Earliest Generic Release
EWSD	7
GTD-5	1.6.4.1
DMS-10	404.2
1AESS	1AE10*
5ESS	5E5*
DMS-100	BCS28*

Note: \* This service may be provided via a switching feature in the switch or via an adjunct processor.

2. Reference:

- o LSSGR, FR-NWT-000064, Section 4.2, FSD 01-02-1409, Issue 2, April 1991, Module TR-TSY-000504.

### Call Waiting - Cancel

Cancel Call Waiting allows a subscriber with the Call Waiting feature to inhibit reception of the Call Waiting Tone for the duration of a single call. This prevents interruption of data traffic or interruption during an important telephone call.

Generic Name of ONA Service	GTE Product Name	BSE or CNS
Call Waiting - Cancel	Cancel Call Waiting	CNS

### FEATURE OPERATION:

1. When a subscriber with the Call Waiting Feature wishes to cancel the Call Waiting feature during the call, they must depress the receiver button, listen for dial tone, and dial Star (\*) plus 70 for touchtone (DTMF) phones or dial 1170 for rotary dial (DP) phones (Cancel Call Waiting Code) for a POTS line or a Business Group line. After dialing the code, the subscriber listens for confirmation tone and is then automatically reconnected to the call in progress. The Call Waiting feature has then been deactivated and no interruptions are allowed during the call.
2. When a subscriber with the Call Waiting Feature wishes to cancel the Call Waiting Feature prior to making a call, they must lift the receiver, listen for dial tone, and dial Star (\*) plus 70 for touchtone (DTMF) phones or dial 1170 for rotary (DP) phones (Cancel Call Waiting Code) for a POTS line or a Business Group line. After dialing the code, the subscriber listens for confirmation tone followed by dial tone. The Call Waiting Feature has then been deactivated and no interruptions are allowed during the call.
3. Call Waiting will be re-established when the call is terminated.

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

1. This feature is available in the following central office switches:

Switch Type	Earliest Generic Release
DCO	15.1
EWSD	7
GTD-5	1.6.2.1
VIDAR	8
DMS-10	402.52
1AESS	1AE8A
5ESS	5E2(2)
DMS-100	BCS24
#2EAX	1.3.5.1

2. Call Forwarding Variable is compatible with Call Waiting and Cancel Call Waiting service.
3. Call Hold and Call Waiting with the Cancel option can be assigned to the same line.
4. Call Pickup and Call Waiting with the Cancel option can be assigned to the same line.
5. Speed Calling and Call Waiting with the Cancel option can be assigned to the same line.
6. Call Waiting with the Cancel option may be assigned to either or both parties on a Two-Party Line.
7. Cancel Call Waiting may not be provided on the following lines:
- o Coin Lines
  - o Denied Originating Lines
  - o Four and Eight Party Lines
  - o PBX Lines
  - o Hotel/Motel Calls Routed to TSPS
8. References:
- o LSSGR, FR-NWT-000064, FSD 01-02-1204 Cancel Call Waiting, Issue 1, July 1989, Module TR-TSY-000572.

### Called Directory Number Delivery via DID

This service allows the central office switch to deliver all or part of the destination address to the ESP at the time the call is established. Usually, the destination address delivered is the same as the number originally dialed. When number translations have occurred, e.g., 800 calls, the DID number delivered is not the called number.

Generic Name of ONA Service	GTE Product Name	BSE or CNS
Called Directory Number Delivery via DID	Direct Inward Dialing	BSE

### FEATURE OPERATION:

1. Customers order this service from the telephone company. A client calling a customer is generally unaware that the customer has Direct Inward Dialing (DID) service. The client is not required to perform any additional actions to have the call delivered via a DID trunk group.
2. In a PBX type application, the service allows a client to reach a specific PBX station without the assistance of an attendant or other intermediary.
3. The number of digits forwarded by the central office switch is determined at the time the service is ordered. The customer must also arrange for a block of telephone numbers to be associated with the DID trunks.

### TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	Earliest Generic Release
DCO	14.1
EWSD	7
GTD-5	1.6.2.1
VIDAR	7.0.1.2
ITT-1210	7.2
1AESS	1AE8A
5ESS	5E2(2)
DMS-100	BCS17
#2EAX	1.2.9.1

2. A customer may elect to receive Dial Pulse or Dual Tone Multifrequency (DTMF) signaling when using analog facilities. Some companies may offer Multifrequency (MF) outpulsing/signaling to the ESP community. If both the central office switch and the customer's equipment are digital, the customer may be able to order DID trunks with digital connectivity.
3. This service is an incoming service (to the customer's CPE) and is typically a "trunk side" service.
4. References:
  - o LSSGR (FR-NWT-000064), Attendant and Customer Switching System Features and Customer Interfaces, Issue 2, July 1987, Revision 1, April 1991, Module TR-TSY-000524.

This service, if offered as a BSE, may be associated with the Circuit Switched Line basic serving arrangement.

**Calling Billing Number Delivery - FG B Protocol**

This arrangement allows the ESP to receive the billing number (ANI - 7 digit) of the party who originated the call to the ESP with the signaling information that is transmitted to the ESP during call setup. This signaling information will be transmitted using a Feature Group B protocol over a direct circuit switched trunk side connection.

Generic Name of ONA Service	GTE Product Name	BSE or CNS
Calling Billing Number Delivery - FG B Protocol	Automatic Number Identification	BSE

**FEATURE OPERATION:**

1. An ESP's client will dial (1)+950+0XXX or (1)+950+1XXX to reach the ESP. The XXX is the ESP's Carrier Identification Code (CIC).
2. ESP equipment may need to prompt the end user (e.g., via second dial tone) for additional information in order for the ESP to process the call.

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

1. This feature is available in the following central office switches:

Switch Type	Earliest Generic Release
DCO	14.1
EWSD	7
GTD-5	1.6.2.1
VIDAR	8.1.7.5
1AESS	1AE8A
5ESS	5E2(2)
DMS-100	BCS19
#2EAX	1.2.9.1

2. ESPs that purchase trunk side access service utilizing FG B protocol will be assigned a Carrier Identification Code (CIC) and must establish a Point of Presence (POP) in each LATA served. The CIC code will be the same for both FG B protocol and FG D protocol. However, in the future, CIC codes for trunk side access services utilizing FG B protocol and FG D protocol may be assigned independently.
3. ESPs must order direct trunks between each FG B protocol end office switch they wish to serve and

their POP. The ANI optional feature must be ordered on all trunks. (Calling Billing Number Delivery - FG B Protocol cannot be provided using tandem arrangements, as the tandems utilizing FG B protocol do not have the ability to pass ANI.)

4. The ANI data forwarded to the ESP consists of the seven (7) digit billing number of the station originating the call and one ANI information digit.
5. Destination code information, such as the called number, may be transmitted to the ESP from rotary stations provided the ESP orders the Rotary Dial Station Signaling option. This feature is available only from suitably equipped end offices.
6. Calls may be forwarded to ESPs using call forwarding services.
7. This service may be available in other switches equipped for Equal Access service.
8. References:
  - o TR-TSY-000698 Feature Group B FSD 20-24-0300, Issue 1, June 1989, Rev. 1, July 1990.
  - o TR-NPL-000175 Compatibility Information for Feature Group B Switched Access Service, Issue 1, July 1985.
  - o TR-NWT-000334 Switched Access Service: Transmission Parameter Limits and Interface Combinations, Issue 3, March 1993.

This service, if offered as a BSE, is associated with the Circuit Switched Trunk basic serving arrangement.