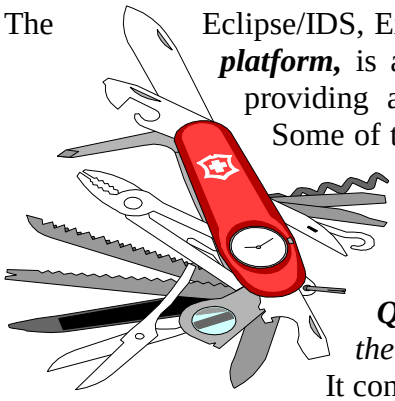
DESCRIPTION



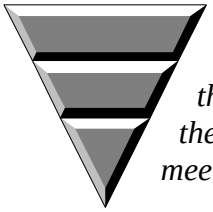
The Eclipse/IDS, Executone's business telephone and healthcare ***applications platform,*** is a software-driven voice and data communications system providing a vast ***portfolio of solutions*** with flexible architecture. Some of the keys to meeting customer needs in a scaleable yet ***cost-effective*** manner are interchange ability of several CPUs and configuration sizes, ease of software upgrade and enhancement, and ***modular expansion.***

Quite simply...
the IDS platform provides connectivity.
It connects people to each other and to the outside world. It also connects applications, whether they are provided by Executone or by others, to each other and to the people who need them. The Eclipse / IDS provides a software and hardware basis upon which the framework of connectivity between people, applications, and other systems is built. Therefore, the Eclipse / IDS is regarded as the cornerstone of what is referred to as **Platform Systems.**

The IDS platform is available...
in port sizes of 42, 84, 108, 228, 432, and 648 ports.
The 42 and 84 port configurations have dedicated CPUs. The 108, 228, 432 and 648 configurations utilize an ACPU (Advanced Central Processor Unit) as the standard processor. Although each CPU runs its own software and associated feature set, Executone has moved towards consistency in feature sets between similar software version numbers for the 42/84 and ACPU.

The IDS platform utilizes *time division switching* techniques and *pulse code modulation.* The voice bus is divided into time slots. Some time slots are used for CPU functions, others for voice conference and paging; the remaining are available for voice connections. This arrangement of time slots provides a telephone system which is *non-blocking* between ports. Each port is provided a time slot, thus conversations between two ports uses two time slots.

The system is equipped with a *built-in modem.* This modem can be used for remote programming and remote diagnostics.



There are many companies selling telephone systems. Most of these telephone systems have similar features to the Eclipse / IDS platform. What the others don't have are the applications and the flexibility to tailor the system to meet the prospect's needs.

CAPABILITY DESCRIPTION

Access Levels (Programming)

Access to system programming is protected by levels of passwords. Each of the eight levels of passwords progressively allows more access to programming.

Account Codes

The Account Code capability is used in conjunction with SMDR to provide a means of entering a number up to 10 digits (non-verified) to an individual call record. The code is entered by an extension user. Any combination of digits will be accepted by the system.

Account Codes and Speed Dial Keys

The Account Code and Speed Dial capabilities allows Account Code digits to be programmed as System or Station Speed Dial keys. A user can then press the Account Code key and the System/Station Speed Dial key which contains the desired account code, instead of manually dialing the account code.

Add On Conference 8 Party

The Add On Conference capability provides the extension user with the ability to converse with up to seven other parties on the same call. Two of these parties may be outside line calls.

All Call Paging

The All Call Paging capability enables an extension user to broadcast a message to all page zones simultaneously. Internal pages are heard through the speaker of the telephones.

Alphanumeric Display

The Display Telephone have an LCD display that provides the status of the telephone and any active calls.

Answer An Incoming CO Call

Incoming CO calls can be programmed to ring directly on an extension or they can be transferred to the extension by the operator or another extension. Incoming DID calls ring directly on the dialed extension.

Answer An Incoming Intercom Call

Incoming intercom calls can be programmed to ring the extension or to Voice Announce the incoming call depending upon how the *Hands Free Receive* option has been programmed. When the Hands Free Receive option is enabled, internal calls are Voice Announced. If the Hand Free Receive option isnot enabled the call will ring the extension.

Auto Answer

Auto Answer is a per-station capability. A ringing CO/PBX line may be answered by just lifting the handset or pressing the HF key.

Auto Pickup

Auto Pickup is a system-wide option that affects the use of DSS keys. With this option enabled, DSS keys can be used to pickup a call on a ringing extension by just pressing the DSS key.

Auto Second Path

Auto Second Path is a per-station capability. When enabled, it allows other users to automatically off-hook voice announce to a Display Telephone when the telephone is busy. It isnot necessary to press the digit [3] on a non-Display Telephone or the [Voice] soft key on a Display Telephone.

Auto Transfer

Auto Transfer is a per-station capability. When enabled, it permits incoming calls to be transferred to another extension by just pressing the programmed DSS key for the extension.

Automated Attendant

This **standard** capability incorporates six internal, software-driven auto attendants which will automatically answer incoming calls with recorded greetings. These greetings may offer instructions on how to reach extension numbers, hunt group numbers, ACD group numbers, voice mail, or an operator. After listening to or during the greeting the outside caller may dial digits to reach the desired party. If the outside caller waits, the ring assignment for the line ID he came in on, will be referenced.

The pre-recorded greetings may be programmed to deliver different instructions to the caller, depending on whether the system is in the Day or Night Mode. Extensions, hunt groups and ACD groups may be programmed to be excluded from access by incoming callers. The system can disconnect incoming calls after the Night greeting is played or divert them. Six dial access schemes support one, two, three or four digits to access groups or sub-attendants.

Busy Recording

The Busy Recording when used, contains the greeting a caller will hear when a call is routed via the internal Automated Attendant to a busy extension.

Dialing Scheme 1

Dialing Scheme 1 is an Automated Attendant dialing scheme which allows 4 digit access to extensions, 3 digit access to hunt groups, 3 digit access to ACD groups and access to the VMS.

Dialing Scheme 2

Dialing Scheme 2 is an Automated Attendant dialing scheme which allows 4 digit access to extensions, 2 digit access to hunt groups, 2 digit access to ACD groups and access to the VMS.

Dialing Scheme 3

Dialing Scheme 3 is an Automated Attendant dialing scheme which allows 1 digit access for up to nine hunt groups and/or ACD groups.

Dialing Scheme 4

Dialing Scheme 4 is an Automated Attendant dialing scheme which allows 1 digit access to automated attendant schemes 1-6.

Dialing Scheme 5

Dialing Scheme 5 is an Automated Attendant dialing scheme which allows 4 digit access to extensions, 1 digit access to hunt groups and 1 digit access to ACD groups.

Dialing Scheme 6 (Area Code Routing)

Area Code Routing is an **$optional$** dialing scheme (scheme 6). When the Automated Attendant is programmed with this scheme, an outside caller has the ability to enter an area code as a destination. Once the Automated Attendant receives the destination, it will route the caller to an ACD group. When the capability is activated the last 160 entries of the *Account Code (P) Screen* are used to display the area codes 201-919. The *CLS* portion of the *P Screen* is used to enter the ACD group that the caller will route to when the area code is entered.

Digit Timeout

The Digit Timeout value is the amount of time, in seconds, the system waits for dialed digits from an Automated Attendant caller. The time starts to accumulate after the greeting has played. If no digits are received the call is routed to the pre-programmed ringing assignment for the line ID that the caller came in on.

Night Greeting Required for Night Mode

When the internal Automated Attendant is to answer calls in the night mode, a recorder number must be programmed, even if the call is to be diverted.

No Answer Recording

The No Answer Recording when used, contains the greeting a caller will hear when a call is routed via the internal Automated Attendant to an extension that doesnot answer within a programmed amount of time.

Automatic Call Back (Trunk Queuing)

Automatic Call Back is a per-station capability. If a desired outside line in a Trunk Group is busy, this capability will notify the user when a line is idle (free) by means of audible (ringing) and visual (blinking LED) indications.

Automatic Night Mode

The system can automatically be placed in the Night Mode via the *Trunk Group Programming Screen.* Night mode allows incoming calls to ring at all assigned extensions throughout the company instead of just the Operator extension. Each extension can also be programmed for a different toll restriction plan in Night mode. Beginning at any time and ending at any time, Automatic Night Mode can be activated and deactivated on a weekday, Saturday or Sunday.

Automatic Privacy

Privacy is automatically provided on all calls, except Public Lines. If one extension is conversing, another extension cannot intrude on that line. The Automatic Privacy capability can be disabled, using TR/CON allowing another extension to join in on an existing CO line conversation.

Background Music

When a music source is connected to the system, any extension user can listen to music through the built-in speaker of the telephone. The music is turned off temporarily when the extension rings, a paged message is broadcast, the user lifts the handset or activates the Hands Free mode. The music resumes automatically when the extension becomes idle.

Background Music over External Page

Background Music Over External Page allows employees to listen to music over the external page. The music is turned off temporarily when there is ringing over the external page or a paged message is broadcast. The music resumes automatically when the external page becomes idle. The operator activates and deactivates this capability for each page zone.

Bad Line Key

The Bad Line key is a per-station capability. The Bad Line key when pressed will make a statistical notation that an outside line or facility isnot working correctly. Each time this key is pressed, it increments a counter for the line the user is connected to. This counter can be seen on the F, G and H Reports from the *Reports Menu.*

Barge In

The Barge In key is a per-station capability that allows an authorized user to enter into an existing (outside line) conversation at any of the system's extensions.

Barge Tone Inhibit

The Barge In capability has a related capability called Barge Tone. The short tone alerts the conversing parties that someone has “barged” into their conversation. This tone can be prevented on a pre-station basis.

Battery Backup - Memory

Located on the Central Processing Unit (CPU), a battery protects the system memory if a commercial power outage occurs or if the system power is turned off for a period of time. Battery Backup Memory retains all system programming (including both System and Station Speed Dial) during a power outage.

Block Barge In

Block Barge In is a per-station capability that can be used to prevent an extension from being barged into.

Block Multiple Page Option

Block Multiple Page is a system wide option. When enabled, the system prevents a Page All Zones (dial access code 60) from overriding other pages zones while they are in use. If one of the other page zones (61-69) is in use when a caller dials [6][0], the caller receives a busy tone. When this option is disabled, Page All Zones will override other page zones while they are in use.

Built-in Modem

A built-in modem is provided for remote programming.

Busy Lamp Indication

The Busy Lamp Indication is a light (LED) which serves as an indication of the busy/idle status of an extension.

Busy on Hold

Busy on Hold is a per-station capability. When enabled, an extension that has placed a call on hold and is on-hook, will display as an *idle* extension on the Integrated Operator Terminal. When disabled, an extension that has placed a call on hold and is on-hook, will display as a *busy* extension on the Integrated Operator Terminal.

Busy Out CO Lines

Busy Out CO Lines is a programming command that allows a person viewing the *Line Maintenance Screen* to busy out and restore CO lines.

Call An Extension

Any extension in the system can be called by another extension. Each station can be programmed to ring the extension or voice announce the call.

Call An Operator

Any extension in the system can call the operator, the method depends upon how the system is programmed. More than one extension may be designated as the operator.

Call Accounting Reports

Call Accounting is an **$optional$** capability available for the Eclipse / IDS system, which stores SMDR information in system memory. This information can then be sorted and summarized by extension or account code. The available reports include: Account, Extension, Summary of Accounts and Summary of Extensions.

Call Back (Station)

Call Back key is a per-station capability. The Call Back capability is used to alert a user when a busy extension becomes free. The user is alerted with a tone (three short rings) and on a non-softkey telephone, a blinking LED.

Call Diversion

Incoming calls can be diverted to another outside telephone number. Beginning and ending at any time, Call Diversion can be activated and deactivated on weekdays, on Saturday or on Sunday.

Call Forward

The Call Forward capability provides the user with the ability to forward (re-route) all incoming calls to another destination.

Call Forward Busy Timer (Imm for DND or IN/OUT)

An extension can be call forwarded to another destination under a busy condition. If the extension is also in the DND or IN/OUT mode the call will ignore the Call Forward Busy Timer and call forward immediately.

Call Forward Busy Timer (Follow Timer)

An extension can be call forwarded to another destination under a busy condition. The Call Forward Busy Timer is used to determine how long a caller should be camped on to an extension before forwarding to the destination. This capability is programmed on a per-station basis. The Call Forward Busy Timer is NOT used when forwarding intercom calls, these calls are forwarded immediately.

Call Forward- Day Mode Destination

The Call Forward capability provides the user with the ability to forward (re-route) all incoming calls to another destination based upon the forwarding plan for when the system is in the Day Mode.

Call Forward- Night Mode Destination

The Call Forward capability provides the user with the ability to forward (re-route) all incoming calls to another destination based upon the forwarding plan for when the system is in the Night Mode.

Call Forward No Answer Timer

An extension can be call forwarded to another destination under a no answer condition. The Call Forward No Answer Timer is used to determine how long a caller should ring an extension before forwarding to the destination. This capability is programmed on a per-station basis.

Call Forward to an Extension

An extension can have incoming outside line and intercom calls automatically forward to another extension. A user can also manually call forward to an extension. The calls can be forwarded when the system is in the Day mode, Night mode or both.

Call Forward to Station Speed Dial Key (off-premise)

The Call Forward to Station Speed Dial key is a per-station capability. This capability key gives extension users the ability to forward outside line calls to a single Station Speed Dial number. The calls can be forwarded when the system is in the Day mode, Night mode or both.

Call Forward to System Speed Dial (off-premise)

The *Forward and VMS Plans Programming Screen* can be used to forward outside line calls from an extension to a single System Speed Dial number. The calls can be forwarded when the system is in the Day mode, Night mode or both.

Call Forward to VMS

An extension can have incoming outside line and intercom calls automatically forward to a voice mailbox. A user can also manually call forward to VMS. The calls can be forwarded when the system is in the Day mode, Night mode or both.

Call Monitor/Group Listen

Call Monitor is a system-wide capability. While the handset is lifted, the Call Monitor capability activates the hands free speaker.

Call Park (Orbit)

Call Park lines are waiting zones, for placing an outside call on hold for a pre-programmed amount of time. During this time period, the person for whom the call is directed may be paged and asked to dial the assigned Call Park number. The waiting call will be accessed immediately upon dialing the assigned Call Park number.

Call Pickup from Hold

Call Pickup from Hold allows an extension user to retrieve outside line calls that have been put on Hold at another extension in the system. Calls can be retrieved if the line number or extension number is known.

Call Transfer To An Extension

Call Transfer allows an internal or outside line call to be answered at one extension, and then transferred to another extension user. Calls can be transferred with or without screening.

Call Transfer To Hunt Group

Call Transfer to Hunt Group allows an internal or outside line call to be answered at one extension, and then transferred to a Hunt Group. Calls can be transferred with or without screening.

Call Transfer To VMS

Call Transfer to VMS allows an internal or outside line call to be answered at one extension, and then transferred to VMS.

Call VMS From An Extension

Call VMS allows users to access the voicemail system from their extension or remotely from another extension within the system.

Call Waiting

A second call (indicated by an audible tone and a display indication) to a busy station can be handled by the user much the same as a call received at home with call waiting. The flash key is pressed to toggle between calls, or once the user hangs up from the first call, the other call will ring.

Caller ID

This capability identifies the telephone number of an incoming call. The caller's number is displayed on Eclipse / IDS Display Telephones. The number may also be associated, via TAPI or TSAPI, with a record in a database.

Caller ID- Consistent Displays

Caller ID Displays (CID) are consistent on all models of Eclipse / IDS display telephones, with CID information appearing in the same location, in the upper left quadrant in the display on each telephone, regardless of telephone status.

Camp-On

When a called extension is busy, the calling extension can alert the busy extension that a call is waiting. This alert is a brief tone (Camp-On Tone) heard in the handset, or over the speaker if hands free is being used.

Camp-On Timer

When an outside line is transferred to a busy extension, a tone is heard by the busy extension indicating that a call is waiting to be answered. The tone is repeated at intervals, until the call is answered. The amount of time between the repeated tones is a per-station value. If the Camp-on Timer is set to zero, no camp-on tone is heard.

Camp-On Volume Adjustment

Camp-On Volume Adjustment is a system-wide option. It allows the system administrator to adjust the volume of the camp-on tone.

Centrex Compatibility

The Eclipse / IDS system provides capabilities that are Centrex compatible and Centrex users can utilize the Eclipse / IDS system to enhance their Centrex capabilities.

Centrex/PBX Transfer

When Centrex or PBX lines are connected to the Eclipse / IDS system, users may use the flash capability to transfer callers to other Centrex or PBX extensions.

Chaining of Speed Dial Bins

Speed Dial bins may be chained together by dialing a special code to form a longer speed dial then one bin can hold by itself.

Conference

The Three-way Conference capability enables an extension user (including SLT users) to hold a conference with two other parties simultaneously. The conference may be made up of the extension and two external parties, or the extension, one internal and one external party. A conference can be established whether the external calls are incoming or outgoing.

CO Line/Trunk Access (Day/Night)

Any extension can be prevented from accessing any particular trunk/line. Access can be prevented in the Day mode, Night mode or both.

CO Line Class of Service

CO Line Class of Service is a system-wide capability that may be programmed on a per-line basis to prevent an extension user from dialing particular area codes and/or exchanges.

CO Ring Detect

CO Ring Detect is a system-wide capability that matches the frequency of the ringing signal from the CO or the PBX with ringing detection circuitry in the Eclipse / IDS system.

Copy Functions "Are You Sure Y/N?" Confirmation

Copy Functions " Are You Sure Y/N?" Confirmation allows the system programmer the opportunity to confirm or cancel a copy command..

Diagnostics

The Diagnostics menu can be used to select a trunk line test, to test the hardware in the system, and to program the Alarms capability.

Dial Code To Set System Time

Dial Code To Set System Time enables the system time to be set from any telephone programmed as an operator station.

Dial Pulse/DTMF Sending

Each CO line can be individually programmed to send dial pulse (rotary) or DTMF (touch tone) signals. Dialing speed and break/make ratios are also programmable.

Digit Insert (Without LCR)

This **$optional$** capability allows the access codes for outside line dial tones to be automatically inserted in front of the dialed telephone number without subscribing to LCR.

Digital Voice Announcer Support

The Digital Voice Announcer is a device that can answer a call and play a pre-recorded message(s) to the caller. The Digital Voice Announcer can be used in applications that require a recorder/announcer (e.g., ACD recorders, or answering devices for the internal Automated Attendant). The announcement message(s) for the Digital Voice Announcer can be recorded from any telephone. The maximum message length of the Digital Voice Announcer is 60 or 120 seconds.

Direct Speed Dial

Direct Speed Dial eliminates the need to press an outside line key before using a Speed Dial key. When a Speed Dial key is pressed, the system selects an outside line (as if an LCR key was pressed) and dials the desired speed dial number.

Direct Trunk Appearance

Direct Trunk Appearance is a per-station capability. Any trunk connected to the system may appear as an individual trunk key on any extension.

Direct Trunk Appearance Key Ringing

The system can have many more trunks connected to it then there are *Line IDS* to program ringing assignments. The sub-code for the key code for a Direct Appearance Trunk key is used to program ringing assignments. Depending on the sub-code programmed, an extension can ring in the Day mode, Night mode or both.

Directed Call Pickup

Directed Call Pickup allows an extension user to answer calls which are ringing at *another* extension in the system.

Directory

The *Directory* is used to assign user's names (up to 10 characters) to each extension in the system. The extensions can also be grouped together by departments (up to 10 departments). The Integrated Operator Terminal uses this programming to process calls by a person's name, as well as extension number. The Dial by Name capability utilizes the names in the *Directory* to dial intercom calls.

DISA

DISA allows an authorized user outside the telephone system to place a call to the system, have the system answer the call and provide the caller with system dial tone. The caller can then dial an extension number or select an outside line.

DISA can work in 4 ways; Supervised all the time, Supervised in the Night Mode only, Unsupervised all the time, and Unsupervised in the Night Mode only.

DISA with Verified Forced Account Codes

DISA can be used in conjunction with *Verified Forced Account Codes*. This capability is similar to supervised DISA. Callers to the DISA telephone number must enter an authorization code. Instead of the authorization code being a universal code, codes are entered in the *Account Code (P) Screen.* If an invalid code account code is entered the DISA caller is disconnected. If a valid code is entered, the *"cls"* portion of the screen is referenced to see if a call can be placed (toll restriction).

DISA/TIE Group Dial Option

DISA/TIE Group Dial is a system-wide option. When enabled, this option allows an incoming tie line call to access LCR by dialing [9] and the desired telephone number. In addition, this capability allows DISA or tie lines calls to access a CO trunk by dialing [8][1] through [8][0] for trunk groups 1 through 10.

Disconnect Supervision

The Eclipse / IDS system can be programmed to monitor outside line connections for a disconnect signal provided by the Telephone Company. After a disconnect signal is detected, the Eclipse / IDS system can be programmed to release the line.

Discriminating Ring

This capability provides three different ring sequences: two short rings for an internal call, one long ring for an outside call, and three short rings for Callback.

Display CO Line Names

Display Telephone users and the Integrated Operator Terminal have the ability to view the CO line numbers and names as they make and receive outside line calls. The CO name viewed is derived from the *Name* field on the *System Programming Screen.*

Display Extension Names (on a Display Telephone)

Display Telephone users have the ability to view the extension name and number of extension that they intercom or transfer a call to. They also have the ability to view extension names and numbers of users who intercom or transfer calls to them. Display Telephone users can momentarily display their own extension name and number. The extension name viewed is derived from the *Directory Programming Screen.*

Display Extension Names on Display Telephone (Transfer Recall)

Display Extension Names on Display Telephone (Transfer Recall) refers to an operational change. The display shows the extension number and the name of the extension the call is recalling from, rather than the line number the call is on.

Display Extension Names (on the Integrated Operator Terminal)

The upper section of the Integrated Operator Terminal, the *Extension Status* field, lists the installed extensions in the system, and shows each extension's status. The *Extension Status* field can appear in one of two ways. The screen can display the status of the first 160 extensions in the system, or the screen can display the first 60 extensions in the system, along with the names programmed in the *Directory* for those extension numbers. The extensions which arenot to be displayed on the *Extension Status* of the Integrated Operator Terminal can be selected using the *Directory Programming Screen.*

Display Telephone Messages

The Display Telephones provide the user with messages. The Display Telephone Messages are pre-defined messages which can be programmed by users at their discretion. The messages are pre-set and are user-adaptable, allowing the user to customize messages to their individual business needs. The user may program only ONE message at a time. If a Display Telephone user calls another Display Telephone user, the programmed message will be seen by the calling party. If a non-Display Telephone user or the Integrated Operator calls a Display Telephone, the calling party willnot receive any programmed message.

Distinctive Recall Option

This option enables a user to determine what type of call is incoming based upon the ring cadence. A call that is recalling to a station produces three short rings.

Divert Limit

Divert Limit is a system capability which limits the amount of time two trunks can stay connected together after being connected by the Call Diversion, Call Forward to System Speed Dial, Call Forward to Station Speed Dial, or the ACD Forward to Speed Dial capability.

Do Not Disturb

The DND key is a per-station capability. When activated, the DND capability will block all incoming calls and pages. It is important to note that the DND key doesnot prevent the user from making a call, paging, and using other capabilities.

Do Not Disturb Override

The DND Override key is a per-station capability. The DND Override key is used to call an extension which is in the DND mode.

DSS/BLF Key

The DSS/BLF key is a per-station capability. The DSS (Direct Station Select) capability allows a user to call a specific internal extension by pressing one key dedicated to that extension number. Besides each DSS key is a light (LED) which serves as a Busy Lamp Field for monitoring the busy/idle status of another extension.

DSS Console

The DSS Console is used in conjunction with a telephone to increase the number of capability keys available to the extension user. The DSS Console has 44 programmable buttons. The DSS 48 also has 44 programmable buttons and four fixed function keys. These buttons can be programmed as any capability keys. Up to three DSS consoles can be assigned to one extension. Each DSS Console requires a connection to a digital station port.

DSS Console Ring

A DSS Console can ring if the associated extension is busy. This is an optional capability that must be activated in software.

Enable HF Monitor Option

Enable HF Monitor is a system wide option. When this option is enabled, it permits the Call Monitor capability. The Call Monitor capability activates the hands free speaker while the handset is lifted.

Exclusive Hold

If an outside line call is placed on Exclusive Hold, the call can only be removed from Exclusive Hold by the extension that placed the call on Exclusive Hold.

External Page

The system is equipped with audio paths that may be connected to an external paging system. The audio path may be used to broadcast a message. In order to broadcast a message to any one of the page paths, a two digit code is assigned to the path in *System Programming*. A message can be broadcast to all page paths simultaneously.

External Page Ring Types

External Page provides CO ringing, over the paging system, to areas without nearby telephones such as a warehouse. With this capability, each line ID can be programmed to ring over the external page in either day mode, night mode or both

Flash Operation

Often it is necessary to flash an outside line. This operation is also called switch-hook flash. A flash is a momentary disconnection of the line. Flash operation is used to activate certain capabilities on the outside line by an Eclipse / IDS extension, including a single line telephone.

Flexible Key/Button Assignment

Each programmable key can be flexibly assigned to any capability that can be programmed on a key.

Flexible Numbering

Flexible Numbering allows the extension numbers of the system to begin with any digit. It also expands the range of the extension numbers. The extension numbers can range from 001 through 999 plus the leading digit. Flexible numbering isnot restricted to changing the leading digit of the extension numbers. Any dial code can have its initial digit changed to another digit.

Flexible Ringing

Flexible Ringing allows any outside line to ring at any extension. A separate ringing assignment may be made per extension for Day and Night mode operation.

Flexible Ringing Over External Page

The system is equipped with audio paths that may be connected to an external paging system. The audio path may be used for CO line ringing indication (day and/or night ring).

Follow Me Class of Service

Follow Me Class of Service can be used to temporarily modify an extension's toll restriction (class of service). The Eclipse / IDS system allows a class of service to be assigned to different account codes. Through account code entry, selected employees can place identifiable calls that may otherwise be restricted.

Follow Me Forward

Follow Me Forward allows users to forward *their* telephone from *another* telephone. With Follow Me Forward, users can: forward all calls from an extension to the telephone they are using; forward all calls to their voice mailbox from any telephone; and cancel call forward.

Forced Account Codes

An extension can be programmed to force the entry of an account code (up to 10 digits) before any outside line call is made. The system can also be programmed to Verify the entered account code (up to 8 digits) against a table of valid codes.

Forced Ring

This capability allows an extension to force an intercom call to ring as opposed to voice announce by pressing the digit [1] before dialing the extension.

Forward Transfer on Busy Option

Forward Transfer on Busy is a system wide option that affects the *Call Forward On Busy* scenario. If the option is disabled, when a call is screen transferred to a busy extension, the calling extension receives a busy signal and doesnot follow the called extension's Call Forward on Busy assignment. When the option is enabled, the calling extension will follow the extension's Call Forward on Busy assignment.

French Display Option

French Display is a system-wide option. When this option is enabled, all text on both the Display Telephones and the Integrated Operator Terminal will be displayed in French.

Group In

Group In is a per-station capability. The system can be programmed to route calls to Trunk Group key(s). Each station can be programmed for how incoming outside line calls ring on a station. With the Group In capability, a call (from a trunk group) ringing a station will be forced to ring on the key programmed for that trunk group.

Group Pickup

Group Pickup is per-station capability. Group Pickup is a method to answer calls made to another extension. An extension can have several Group Pickup keys which can be used to access phones ringing in any particular pickup group. An extension neednot be in that pickup group in order to answer, as long as it has a Group Pickup key. The Group Pickup key LED will light when a call in a pickup group is ringing.

Group Pickup Expanded

The number of call pickup groups has been expanded from 36 to 99.

Hands Free

Hands Free is a capability which allows a user to conduct a two-way conversation without lifting the handset.

Hands Free Camp-On

The Hands Free capability has a related capability called Hands Free Camp-on. Hands Free Camp On provides the camp-on signal over the speaker phone as opposed to the handset.

Hands Free CO

The Hands Free capability has a related capability called Hands Free CO. Hands Free CO allows an extension to use the Hands Free capability to originate an outside line call. Hands Free CO is a per-station capability.

Hands Free ICM

The Hands Free capability has a related capability called Hands Free ICM. Hands Free ICM is used to prevent an extension from originating an internal call hands free. Hands Free ICM is a per-station capability.

Hands Free Receive

The Hands Free capability has a related capability called Hand Free Receive. Hand Free Receive is used to prevent an extension from receiving a call hands free when called internally. Hands Free Receive is a per-station capability.

Handset Barge-In

Handset Barge-In allows the Operator to enter into an existing conversation and announce a waiting call. With Handset Barge-In the outside party doesnot hear the operator's announcement.

Headset Announce Option

When enabled, Headset Announce is a system wide option which allows headset users to receive voice announce calls hands free. In order to switch the call to the headset, the Hands Free key is pressed. When the option is disabled, intercom calls will ring at the extension.

Headset Compatibility

The Eclipse / IDS telephones are designed to allow the connection of an industry standard headset. The headset connects to the handset jack on the telephone leaving the handset in place.

Hearing Aid Compatible

All Eclipse / IDS telephones are hearing aid compatible. This allows the telephone to be used in conjunction with users wearing hearing aids.

Hold

Any call can be placed on Hold at an extension. When an outside line call is placed on Hold, anyone with access to that outside line can remove the call from Hold.

Hold Recall Timer by Station

The amount of time a call remains on Hold before recalling the extension is programmed through the Hold Recall timer.

Hook Release

The Release key is placed on an extension that uses a headset, rather than the handset. Since a Release key cannot be programmed on Single Line or 6-Key Telephone, the switchhook functions as a Release Key, when the Hook Release option is enabled.

Hunt Group

Extensions can be arranged into groups to allow an outside line to be transferred to groups of extensions rather than an individual extension. Calls entering a Hunt Group will be routed to the first available extension in a circular fashion. CO lines can be programmed to ring directly into a Hunt Group.

Hunt Group Busy Recall Timer

If all the members of a hunt group are busy, a call recalls after the amount of time indicated by the Orbit Recall Timer on the *System Programming Screen* for the CO line the call is on. The call will recall to the party that placed the call in the hunt group.

INFOSTAR®/AVX Support (In-Band)

Through In-Band integration the INFOSTAR®/AVX is supported by the Eclipse / IDS system.

INFOSTAR®/DVX Support

Through In-Band integration the INFOSTAR®/DVX is supported by the Eclipse / IDS system.

IN/OUT

The IN/OUT key is a per-station programmable capability key. The IN/OUT capability provides the user with the ability to disable all functions of the telephone. When called internally, the caller receives a fast busy to indicate the called extension user is out. The internal caller using a display telephone receives a display indication that the called extension user is out. When the IN/OUT capability is active the extension cannot receive or place calls.

IN/OUT Key Visual Only Option

IN/OUT Key Visual Only is a system wide option that changes the way the IN/OUT capability works. When the option is enabled, dialing an extension that is in the OUT mode will give the caller the OUT visual if they are calling from a display telephone. However, all extensions will receive the busy or ring back audible, instead of re-order tone. This allows the caller to leave a message waiting indicator. The extension that activated the IN/OUT capability will be able to use the telephone to make outgoing calls, intercom extensions, etc. When this option is enabled, it also changes an internal Automated Attendant transfer; an outside caller will *not* follow the ringing assignment for the line ID if the called extension is in the OUT mode. The outside caller will be camped on to the extension depending on the length of Orbit or Transfer Recall Timer *(depending on how the ATT Recall Option is set)*, then connect to Busy recorder *(if one is available)* or recall to the operator.

Input/Output RS232 Port

Depending on its configuration, the Eclipse / IDS system has RS232 Input/Output ports to support the connection of terminals, printers, etc.

Input/Output RS422 Port

Depending on its configuration, the Eclipse / IDS system has RS422 Input/Output ports to support the connection of terminals.

Integrated Operator

The Integrated Operator is equipped with a CRT terminal, which gives a visual display of office calling activity. The accompanying keyboard and handset are used to process calls.

Intelligent SoftKeys

Intelligent SoftKeys are highly adaptive, desktop telephone management capabilities that are available on any display telephone. Depending upon the status of the telephone, context-sensitive commands are displayed on the telephone's display panel. User's press whichever softkey is associated with the function they wish to perform. For example, when on an active call to forward the call the user simply presses the forward softkey and then chooses the destination of the call.

Enhanced Intelligent SoftKeys

The VMS SoftKey is always available to the user, even when the user goes off-hook. The expanded forwarding capability enables additional telephone forwarding options. The F2 key provides "More" functionality at any point while using SoftKeys.

Intercom Calling

Intercom calling allows one extension to directly call another. Intercom calls on the Eclipse / IDS system are non-blocking in terms of time slots.

I-Use Indication

The LED associated with a Direct Line Appearance capability key gives a unique visual indication that the line is in use and isnot on hold.

Last Number Redial

The Last Number Redial capability enables the user to redial the last number dialed on an outside line after the termination of that call.

LCD Interactive Display

Display Telephones provide the user with a visual indication of call status. Some of the capabilities displayed are calls to and from another extension (including the name assigned to the extension), number dialed and CO line used.

Line Groups (Trunk Groups)

Outside lines can be arranged into groups for access by extensions. Line Group keys are programmed on the extensions to allow access to the group. When a Line Group key is pressed, the last available line in that group to which a user has access will be seized.

Line Maintenance

Once a bad trunk has been identified, it may be removed from service, without disturbing system programming, by using the *Line Maintenance Programming Screen.*

Live Call Transfer

Both supervised and blind transfers are accomplished by pressing the destination station key or by pressing the TR/CN key and dialing the destination number.

Locate Fixed Keys Option

When this capability is enabled, the system automatically assigns key codes to the Model 12, 18, 32 and 64 telephones whenever they are connected for the first time to a particular port after a system default.

Loop Start Lines

Connections are provided for Loop Start CO/PBX lines/trunks to the system.

Meet Me Page

The Meet Me Page capability enables an extension user to page someone and stay on the page until the paged party dials a code. The paged party is automatically connected to the person who placed the page.

Meet Me Public Line

A Public Line provides the ability to have anyone enter a call, at any time, without having to conference them into the call. In the past, a public line had to appear as a direct termination on each station that wanted access to it. One can now enter a public line call by dialing [4][5] + the number of the extension that started the call on the public line. A direct line appearance on the user's telephone is no longer needed to join the call.

Message Waiting

The Message Waiting key is used when the user calls an internal extension and receives a busy signal, or there is no answer. The called extension is informed visually by means of a blinking Message Waiting key LED that a message has been left. If more than one message has been left, the LED will continue to blink until all messages have been answered. Message Waiting is a per-station capability.

Message Waiting Indication as Stutter Dial Tone

Message Waiting is provided in the form of Stutter Dial Tone for single line telephones. With a message waiting indication, users receive stutter dial tone when they lift the handset. Dialing [1][1] calls the sender(s) of the message waiting indication on a first in first out basis. If both extensions and the VMS have left message waiting indications, the system rings extensions first and then the VMS.

Mixed Dialing

Mixed Dialing permits an extension user to change the type of signaling on a CO line from rotary (dial pulse) to touch tone (DTMF), at any time during the call.

Model 12, 18, 32, 64 & DSS48 Telephones

Several types of digital telephones are supported on the Eclipse / IDS system. These telephones have programmable keys with LEDs that indicate the status of the call or capability assigned to the key. In addition to the programmable keys, some telephones have fixed keys. Model 12, 18, 32, 64 & DSS48 Telephones are supported on various Eclipse / IDS system configurations.

Multiple VMS Keys

The system can support Multiple VMS Keys on a single telephone. While these keys may still act as DSS keys to the voice mail system, each key is assigned to a different user. This allows different subscribers who may use the same telephone to have their own message waiting indications.

Music On Hold

Music On Hold allows an outside caller to be connected to music when they are placed on Hold.

Mute Key

The Mute key, when pressed, attenuates the Hands Free microphone, as well as the transmitter of the handset. For purposes of privacy, the user can hear the external caller, but the user's voice isnot heard by the other party until the Mute key is pressed again. The microphone is attenuated for normal levels of speech, although very loud speech may be heard by the outside party. The Mute key is a per-station programmable capability key.

Night Answer

The Night Answer feature is used to answer incoming calls on outside lines which donot ring at an extension.

Night Forward On Option

Night Forward On is a system-wide option that effects Call Forward. When the option is disabled, Call Forward isnot available when the system is in the Night mode. When the option is enabled, Call Forward is available when the system is in the Night mode.

Night Mode

Extensions can be programmed for different ring assignments when the system is in the Day mode and in the Night mode. Access to outside lines and toll restriction can also be programmed differently for Day mode and Night mode.

Night Mode Verify Option

Night Mode Verify is a system-wide option. When enabled, putting the system in and out of Night Mode is a two step process. When the Night Key is pressed, the operator screen will display *NITE OFF Y/N*. Pressing Y puts the system into the Night mode. If N is pressed (or nothing is pressed in about 12 seconds), the system remains in the Day mode.

Night Oper Over Page Option

Night Operator Over Page Option is a system-wide option. When enabled, and the system is in the Night mode, intercom calls to the operator follow the ringing assignment of line ID 128. Internal calls to the operator will be answered as CO calls.

No Dial After X11 Option

This option enables the system to deactivate a station dial pad after an X11 call (for example, 411) has been placed on an outside line.

Off-Hook Voice Announce (Second Path)

Off-Hook Voice Announce (Second Path) is a per-station capability which allows the user to call a Display Telephone even if the telephone is busy.

Off Premise Extensions

A system extension can be connected for use with a standard 2500-type telephone.

On-Hook Dialing

On-Hook Dialing allows an extension user to dial any digit on a telephone's dial pad to place the extension in the hands free mode. An extension can dial another extension hands free by dialing the extension number without lifting the handset.

On Line Programming

On Line Programming provides the ability to make programming changes to the system without interrupting normal system operation. The programming changes can be made on-site or remotely.

Operator Allow Conference

Operator Allow Conference is an operator option. When the option is disabled, an operator cannot establish a conference call. When the option is enabled, the operator can establish a conference call.

Operator Night Recall Option

Operator Night Recall is an operator option. When the option is enabled, unanswered calls will recall to the operator extension when the system is in the Night mode. When the option is disabled, unanswered calls will follow the night ringing assignment.

Operator Transfer Intercom Call

Operator Transfer Intercom Call is a system-wide option. When this option is enabled, the operator can transfer intercom calls and place them on hold. When the option is disabled, the operator cannot transfer intercom calls or place them on hold.

Orbit

Orbit lines are waiting zones, for placing an outside call on hold for a pre-programmed amount of time. During this time period, the person for whom the call is directed may be paged and asked to dial the assigned Orbit number. The waiting call will be accessed immediately upon dialing the assigned Orbit number. There are 10 Orbit zones.

Orbit Recall Timer

Orbit Recall Timer is a per-line ID parameter. If a call placed in Orbit remains unanswered, it will recall the extension from which it originated after the amount of time programmed for the *Orbit Recall Timer.*

Outside Line Access

Outside Line Access is a per-station capability that can be used to prevent any station from accessing any outside line.

Outside Line Preference (Prime Line)

Outside Line Preference allows a telephone to be programmed to seize an outside line each time the handset is lifted, or the Hands Free key is pressed.

Page Warning Off Option

Page Warning Off is a system-wide option. When enabled, the brief tone that precedes a page announcement is eliminated.

Paging - External

The Paging capability enables an extension user to broadcast a message to any one of 16 external page zones or to all page zones simultaneously. External pages are heard through the external speakers, horns, etc.

Paging - Internal

The Paging capability enables an extension user to broadcast a message to any one of nine internal page zones or to all page zones simultaneously. Internal pages are heard through the speaker of the telephones.

Page Zones Expanded to 25

The number of page zones has been expanded from nine plus all page to 24 plus all page.

Park

The Park key is a per-station capability. The Park key enables each trunk to be placed in its own park zone. When the Park key is pressed the call goes to a park zone that is equal to the trunk number. For example, line 16 would be sent to park zone 16.

Password Protection

Access to system programming is protected by levels of passwords. Each level of password progressively allows more access to programming.

Patch Key

The Patch key is a per-station capability. The Patch key is used when an extension user, who originated a two External Party Conference call, wishes to leave the conference. Patch allows the two outside parties to continue their conversation after the extension user has left. The telephone is then free to use.

Pause Timer

The Pause Timer is a per-Line ID parameter. When a manual pause is entered in a speed dial, the length of time the system pauses is determined by the Pause Time value.

Power Failure Transfer

Systems equipped with OPX Interfaces can have the interfaces wired such that in the event the system loses electrical power, trunk lines are connected to the OPX Interfaces.

Prime Line

Prime Line is a per-station capability. The telephone can be programmed to seize an outside line each time the handset is lifted, or the Hands Free key is pressed.

Prime Line To Speed Dial

If the majority of a user's outside line calls are made to one specific telephone number, then the user's telephone can be programmed so that whenever the handset is lifted, or the Hands Free key is pressed, an outside line is seized and the programmed number is automatically dialed. This is done through one of the system's first 99 System Speed Dial numbers.

Print Scheduler

The system Management Reports can be programmed to print and clear (via a printer connected to an I/O port or LAN Card) at predetermined times. ACD reports use their own separate scheduler for statistical reports.

Private Branch Exchange (PBX) Feature Keys

PBX Feature keys are a per-station capability. The PBX (Private Branch Exchange) capability key enables the user to emulate various dial-accessible capabilities of the PBX to which the telephone system is connected. There are 40 such sequences possible in the system. A capability key is programmed as a PBX key, and is coded to follow one of the programmed sequences.

Private Lines

Private Lines are a per-station capability. Private Lines allow certain lines to ring only at a specific extension only. Other extensions can also be denied access to the private line.

Public

The Public capability allows lines programmed as Direct Line Appearance Keys on an extension to be accessed even if there is a call in progress on these lines.

Release Key

The Release key is a per-station capability. A Release key is programmed on an extension that uses a headset rather than the handset. The Release Key is used in place of the switch-hook on all telephones except the 6 Key and Single Line Telephone.

Remote Programming and Maintenance

The Eclipse / IDS system is equipped with a built-in modem that allows a technician to access the system and perform any programming or maintenance that can be accomplished from an on-site programming terminal.

Reply Feature

The Eclipse / IDS system utilizes the Second Path (Off-Hook Voice Announce) capability to announce a second call or to call a display telephone user who is currently busy on the telephone. The announcement comes over the display telephone user's speaker telephone, and the user has the ability to verbally respond. Users can also respond with text via the softkeys of their display telephone. This capability is called Reply Keys since the softkeys are used to reply. In default, the softkeys represent three text replies: OK (give me the call), MSG (take a message), and HOLD (put the call on hold).

Reports

The Eclipse / IDS system provides 13 management reports for use in evaluating the call handling performance of the telephone system.

Ring Type (Number of)

The Ring Type capability allows an extension to be programmed for one of many different tones for station ringing. The Ring Type can be programmed per extension or changed at the extension by dialing an access code. The number of ring types depends on the CPU installed.

Ringing Line Preference (Call Forward No Answer Timer)

An extension can be call forwarded to another destination under a no answer condition. The Ringing Line Preference is used to determine how long a caller should ring an extension before forwarding to the destination.

Ringing Group Pickup

Similar to a Group Pickup key, a Ringing Group Pickup is a method for answering calls that are for another extension. An extension can have several Ringing Group Pickup keys to access telephones ringing in any particular pickup group. An extension neednot be in that pickup group in order to answer, as long as it has a Ringing Group Pickup key. The Ringing Group Pickup key LED will light when a call in a pickup group is ringing. The Ringing Group Pickup key differs from the Group Pickup key in that the telephone programmed with the Ringing Group Pickup key begins to ring after a call has been ringing in a pickup group for a programmed amount of time.

Ringing Over External Page

The system is equipped with audio paths that may be connected to an external paging system. The audio path may be used for CO line ringing indication (day and/or night ring).

RS232 Port (Input/Output Port)

Depending on its configuration, the Eclipse / IDS system has RS232 Input/Output ports to support the connection of terminals, printers, etc.

RS422 Port (Input/Output Port)

Depending on its configuration, the Eclipse / IDS system has RS422 Input/Output ports to support the connection of terminals.

Screened Transfer/Answer Option

This system option changes the operation of the system when a transferred call is screened. While on a call:

- Press the transfer/conference key.
- Dial the desired extension number.
- When the called party answers, announce the call.
- If the call is refused, there is no answer, or if the extension is busy, you may reconnect to an outside line call be pressing the outside line key, or an internal call by pressing the transfer/conference key.

Second Path (Off-Hook Voice Announce)

Second Path allows the user to call a Display Telephone even if the telephone is busy.

Self Test

The Self Test capability allows the user to check each of their telephone's keys to ensure each key is functioning properly.

Serial Call

The Serial key is a per-station capability. The Serial key is used when a caller on an outside line wishes to speak to more than one individual in the system. This capability allows an outside caller to speak with one party and then, when that conversation has been completed, the call is automatically sent back to the extension where the Serial key was activated. The call may then be transferred to another party.

Single Line Telephone (SLT) Compatibility

The Eclipse / IDS system supports industry standard 2500 type (DTMF) Single Line Telephones. SLTs are connected to a digital station port via an OPXI or the directly to a port on the OPX LSI Port Card or 12 Port Single Line Port Card.

Split Key

The Split key is per-station capability. The Split key allows the user to place one call on Hold and answer an incoming, or camped-on call by pressing one key. The user can use the Split key to toggle back and forth between the two calls.

Station Class Of Service

Station Class of Service is a per-station parameter that is used to prevent an extension user from dialing particular area codes and/or exchanges. When a call is placed, the Eclipse / IDS system compares the CO Line Class of Service to the Station Class of Service, of the extension placing the call. An extension can have a Class of Service for the Day mode as well as the Night mode.

Station Speed Dial

Station Speed Dial allows an extension user to program frequently used external numbers into system memory. This enables the user to dial the programmed numbers with the press of a key, or by dialing a short code. An extension can store up to 30 Station Speed Dial numbers and a Speed Dial number can be up to 30 digits. Each Speed Dial number is stored in a memory location called a bin.

Station Speed Dial and SLT

Single Line Telephones can program and access Station Speed Dials.

Status Monitor

The System Status Monitor is a real-time display which indicates which extensions are connected together, and which trunks are connected to the extensions.

System Backup/Restore

The system has a utility which permits the system configuration to be saved on a storage device. The saved configuration can then be reloaded at a later date.

System Configure

The System Configuration programming screen is used to assign extension and line numbers to the system's ports. The screen also indicates system components, and provides the ability to reset a port.

System Speed Dial

The system is capable of storing 200-999 *(depending on the configuration)* System Speed Dial numbers with a maximum of 11 digits for each number. These System Speed Dial numbers must be programmed from an Operator's extension.

System Speed Dial and SLT

Single Line Telephones can access System Speed Dials.

System Speed Dial Override Toll Restriction Option

System Speed Dial Override Toll Restriction is a system-wide option. When this option is enabled, System Speed Dials *Do Not* override an extension's toll restriction plan. When this option is disabled, System Speed Dials *Do* override an extension's toll restriction plan.

System Speed Dial Program Key

System Speed Dial users can skip pressing the [PROG] and [*] keys, before dialing System Speed Dial bin numbers. To activate this capability, a special System Speed Dial key must be programmed on the telephone. The user simply presses this System Speed Dial key and dials the 3 digit bin number. The key takes the place of pressing the [PROG] and [*] keys.

Telephone Self Test

The Telephone Self Test makes it possible to check the LEDs (lights) beside each key on a telephone.

Toll Options

The System monitors the loop current of a trunk line to detect breaks in current, which may indicate a disconnect signal from the Central Office. The system provides six options to define what action the system should take when it receives these breaks in current.

Toll Restriction

Toll Restriction is a capability which is used to prevent an extension user from dialing particular area codes and/or exchanges on an outside line call. The system analyzes the telephone number as it is dialed and, based on *Day/Night Class Of Service, CO Class of Service* and toll restriction table programming decides whether ornot to permit the call to be placed.

Toll Restriction Changes For INPA

Toll Restriction Changes for INPA supports the 1995 changes made to the North American Numbering Plan.

Transfer Modem Option

This allows the operator to transfer an incoming call to the system modem for diagnostic purposes.

Transfer Music Option

This option allows music-on-hold to be played to a call that is being transferred by a station user, CPI or a voice mail port.

Transfer Recall Timer by Station

Transfer Recall Timer by Station is a per-station capability. It controls the amount of time a transferred call will ring before recalling to the extension that transferred it.

Trunk/CO Line Access

Any extension can be prevented from accessing any particular trunk/line.

Trunk Group

Outside lines can be arranged into groups for access by extensions. Trunk Group keys are programmed on the extensions to allow access to the group. When a Trunk Group key is depressed, the last available line in that group to which a user has access will be seized.

Trunk Queuing

Trunk Queuing is a per-station capability. If a desired outside line in a Trunk Group is busy, this capability will notify the user when a line is idle (free) by means of audible (ringing) and visual (blinking LED) indications.

Trunk Testing

The system has a built-in trunk testing routine. This routine may be used to test a single trunk, or all trunks. The routine tests for loop current and dial tone from the Central Office. If dial tone is received, the system dials a digit to break dial tone and listens for noise on the line.

UNI Key

The UNI key is a per-station capability. A UNI key allows incoming calls to reach the extension on lines that donot appear at that extension.

Unscreened Transfer

Unscreened Transfer is an Integrated Operator option. When the option is enabled, the system doesnot wait for the operator to press the RLS key after transferring a call to an extension. The call is transferred after to operator has dialed the last digit and therefore the operator cannot screen (announce) a transferred call. When the option is disabled, the operator must press the RLS key after transferring the call to an extension. The call is transferred when the RLS key is pressed; therefore, the operator can announce a transferred call.

Unsupervised Conference

Unsupervised Conference is a per-station capability. An Unsupervised Conference occurs when an extension originates a conference call with two outside parties and wishes to leave the conference, and have the two outside parties remain connected together. The Unsupervised Conference is similar to the Patch capability; however, when the Unsupervised Conference is used, the trunks are no longer connected to the extension, and the conference cannot be reentered. The LEDs for the outside line keys go out, and the keys are available for other calls.

Unsupervised Conference and SLT

Single Line Telephones can make Unsupervised Conferences by using the Add-On capability. After adding calls and oneself, the user need only hang up.

Verified Forced Account Codes

Verified Forced Account Codes is a per-station capability. An extension can be forced to enter an account code (up to eight digits) before any outside line call can be made. The system can also be programmed to verify the entered account code against a table of valid codes.

VMS Call Screening and Hold

With Call Screening active, each caller reaching an extension via the INFOSTAR/VX Automated Attendant is prompted to provide his/her name. The VX then informs the Eclipse / IDS extension user of who is calling and allows the extension user to accept or reject the call. If the call is rejected, the VX informs the caller that the requested extension user is unavailable to take the call. The caller is then prompted to leave a voice mail message, dial another extension, or transfer to the operator.

VMS Key

The VMS key is a per-station capability and is used in conjunction with the Voice Message System to alert extension users that a message has been received in their voice mailbox. The key also behaves like a DSS key to the voice message ports. In addition to ringing an available voice mail port, users will be prompted to enter their mailbox access code.

VMS Key- Multiple Keys

The system can support Multiple VMS Keys on a single telephone. While these keys may still act as DSS keys to the voice mail system, each key is assigned to a different user. This allows different subscribers who may use the same telephone to have their own message waiting indications.

VMS Supervised Transfer/Hold Support

Each caller reaching an extension via the INFOSTAR®/VX Automated is given the chance to hold if the called party is busy. This puts control in the caller's hand, providing him or her with the choice of holding, leaving a message, or transferring to another extension. The Automated Attendant capability of the Executone voice mail system(except for DVX, which doesnot support Supervised Transfer/Hold) answers the call and data from the Eclipse / IDS determines the routing. If a call goes unanswered, the caller is prompted to "leave a message, dial another extension, dial "0" to be transferred to an operator. If the called extension is busy, the caller hears the message; "Jane smith is currently on the telephone would you like to hold…."

VMS Transfer 76 + Extension Number

This capability allows any user in the system to transfer calls directly to a mailbox numbernot listed on the *Forwarding, VMS Programming Screen*, by pressing the TR/CON key + [7][6] + the extension number for mailboxes that appear on the *Forwarding, VMS Programming Screen*. The extension number can be up to seven digits in length.

VMS Transfer 77 + MB Number

This capability allows any user in the system to transfer calls directly to a mailbox numbernot listed on the *Forwarding, VMS Programming Screen*, by pressing the TR/CON key + [7][7] + the mailbox number.

Volume Control

Volume is controlled and stored in memory for each individual function by the Volume Up and Volume Down keys on the extension. The volume adjustments apply to the function to which the user is currently connected.

Volume Control and SLT

Single Line Telephones can have their volume adjusted in *Station Programming.*

Year 2000 Compliance

As of ACPU 8.0 and Eclipse 2.0 the Eclipse / IDS system is fully Year 2000 compliant.

3 Digit Extension Dial Option

3 Digit Extension Dial affects only external caller functions. When enabled, an extenal caller dials 3 digits for Automated Attendant and DISA calls. This option affects only extension numbers with zero as the second digit. The caller omits the second digit when dialing. For example, when the extension number range is 3001-3099, the caller will drop the second zero in the extension so that 3001 becomes 301, 3027 becomes 327.

3 Digit ICM Call Option

3 Digit ICM Call is a system-wide option, which allows the use of 3 digit extension numbers when the extension number range is 3001-3099. The system will drop the second zero in the extension. For example 3001 becomes 301, 3027 becomes 327.