

# GADENCE

Information Guide



**SAMSUNG**

Wait Till You Hear What We See

# THE SAMSUNG FAMILY

## OUR COMPLETE LINE OF BUSINESS TELEPHONES

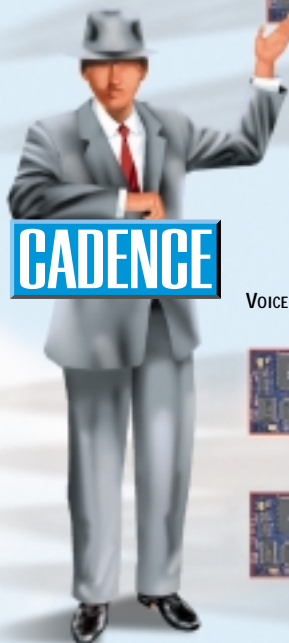


### Everything You Want In A Digital Phone System

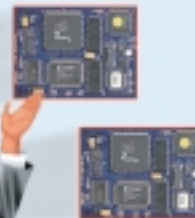
The DCS stands alone in its class as one of today's finest business telephone systems. The addition of CADENCE positions the DCS far and above its competition. By combining voice and fax mail into the telephone system, the DCS offers a complete communications solution for every business.



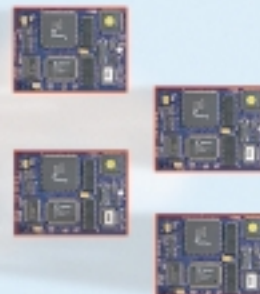
CADENCE is compatible with the DCS, the DCS 50si and the DCS 400si. Each CADENCE card comes standard with 1 voice processing module. Each voice processing module contains 4 communications ports, any of which can be used for fax. Cadence on the DCS and DCS 50si expands to a maximum of 8 ports and on the DCS 400si twice that. CADENCE intelligently integrates with the system by fitting into any unused card slot.



VOICE PROCESSING MODULES  
-4 PORTS EACH-



VOICE PROCESSING MODULES  
-4 PORTS EACH-



A man in a grey suit and hat stands with his hands on his hips, standing on a globe. The globe is positioned in front of a large, modern Samsung building with a prominent blue and white logo. The background is a bright blue sky with light clouds.

## WELCOME TO THE WORLD OF SAMSUNG

**Y**ou can count on a global leader like Samsung - the world's 14th largest company - to place the most advanced digital communications technology right at your fingertips. With annual sales of more than \$93 billion and growing, Samsung combines the vast human and technological resources needed to transform the concepts of visionary engineers into some of the hardest-working, most cost-efficient and trouble-free products available anywhere in the world. What's more, with Samsung Telecommunications America, you can count on a nationwide network of dealers dedicated to providing an exceptional level of continuing support for the company's business communications systems.

**W**ith 20% of its workforce dedicated to research and product development, Samsung technology delivers the specific services you need today, while providing built-in upgradability to protect your communications investment tomorrow.

State-of-the-art assembly, large-scale automation and ISO 9000 Certification assure you of quality you can not only see, but more importantly, hear. While other manufacturers actually choose Samsung components in their own systems, none has integrated those components as effectively as Samsung. Make sure you and your company have the best connections to the world. Make sure the phones on your desks are Samsung's.

**Samsung Telecommunications America**

**Wait Till You Hear What We See**

# MAKING COMPLEX TECH MAKES LIFE EASIER

**DCS SYSTEMS WITH CADENCE COMBINE "HIGHER I.Q." VOICE MAIL WITH CONFIDENTIAL FAX STORAGE & FORWARDING.**

If you want a communications system that works faster and smarter so everyone in your company can do the same, you have two choices.

**One.** Purchase a new Samsung DCS with the revolutionary power of a self-contained CADENCE Card already fully integrated into the system.

**Two.** Upgrade an existing Samsung DCS phone system by simply and easily adding CADENCE - an investment that will greatly expand capabilities without significantly increasing costs.

**DCS SYSTEMS WITH CADENCE COMBINE THE SPEED, EFFICIENCY AND ECONOMY OF DIGITAL TECHNOLOGY WITH DIRECT ACCESS TO A LIVE HUMAN VOICE.**

CADENCE can greatly enhance the ability of the personnel who manage your phone, voice mail and fax systems to direct those functions with more speed, efficiency and confidentiality than ever. With CADENCE, Samsung DCS systems can provide your company with streamlined, single-source total solutions that provide tighter, smoother control over multiple phone, answering machine, voice mail and fax functions.

**CADENCE GIVES YOU THE BEST OF BOTH WORLDS.**

In addition to state-of-the-art voice mail management, DCS systems with CADENCE provide important fax storage and forwarding capabilities - an invaluable advantage most competitive products can't deliver. This is just one of many value-rich features that help make CADENCE clearly the total solution for your phone dollar. Whichever DCS model\* you choose, CADENCE will greatly increase your business phone system's performance, range and power.

*CADENCE's "Higher I.Q." is Intelligently Integrated Technology. This phrase quickly sums up the complex interplay of independent, but related, phone, voice mail and fax functions that Samsung engineers have linked seamlessly in the new CADENCE system. Competitors may claim their systems are integrated, but surely none is as fully and intelligently integrated as Samsung DCS systems with CADENCE. It's the total solution designed to give you total control.*



\*CADENCE is compatible with all DCS models, except the DCS Compact.

# NOLOGY WORK SIMPLY FOR EVERYONE

## OUR DESIGN MAKES LIFE EASIER.

The CADENCE Voice Mail, Fax Storage and Distribution system is available on a self-contained card that plugs easily into all DCS systems.\* Physically, it's the same size as any other DCS Card, but it contains a high-powered computer which uses a level of technology greater than that found in today's voice mail systems.

In fact, even now, the only way to get the kind of performance efficiency and economy CADENCE provides is to have a PC based voice mail system with multiple interface cards totally dedicated to that end. With CADENCE, one small card does it all - and does it better than ever.

## LONG ON LIFE, SHORT ON PROBLEMS.

CADENCE is virtually maintenance free, making the frequent service calls associated with PC-based voice mail systems a thing of the past.

## CADENCE ENABLES YOU TO EASILY GROW.

CADENCE can handle 4 incoming calls simultaneously. It can easily be expanded in 4-port increments that can handle up to 8, 12 or 16 calls simultaneously - depending upon the DCS system selected. Plus, it offers 100 hours of storage time, regardless of which DCS system is used.

## A HOST OF FUNCTIONS IN A SINGLE SMALL PACKAGE.

DCS systems with CADENCE satisfy three primary functions: Auto Attendant, Voice Mail and Fax. Through CADENCE, the components for each of these functions can be used individually, or in combination with the others, to provide cost-effective call processing solutions for the communication-intensive way the world does business today. What's more, CADENCE is engineered to adapt easily to the way the world will do business tomorrow.



# CADENCE: A TOTAL SOLUTION

## DCS SYSTEMS WITH CADENCE WITH CONFIDENTIAL FAX

### TOTAL VOICE CONTROL.

CADENCE can be configured to handle phone calls automatically or as a backup for your operator. Its "Higher I.Q." is an industry breakthrough that enables Samsung DCS systems to provide callers with faster, smoother connections to the phone or voice mail/fax lines they want to reach, through the use of Caller ID and intelligent call routing, screening and recording.

When handling calls automatically, CADENCE greets callers with a prerecorded welcome message, then provides directions to:

- Enter a known extension number.
- Access the company name directory.
- Select from a single digit directory.
- Select a fax on demand menu.
- Transfer to the operator.

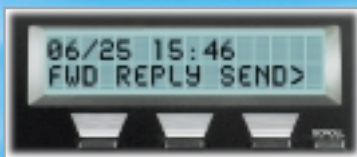
Another feature that saves time and money is Voice Mail Transfer. Simply pressing the voice mail transfer key enables you to transfer calls internally, without having to wait for voice mail to pick up or to listen through recorded greetings.

### VOICE/FAX MAIL.

CADENCE Voice Mail allows callers to leave voice and fax messages. If a phone extension is not answered after a designated number of rings, a caller can be routed to that extension's mailbox, where they will be greeted by the voice of the person assigned that number. Callers can then leave a message or private fax, as directed, which can then be received by the mailbox owner.

### DATE AND TIME STAMP.

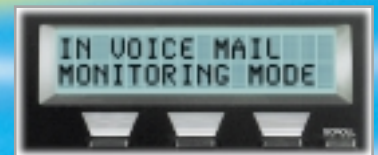
CADENCE identifies on the telephone's LCD, the date and time voice mail and fax messages are received, - including their source - before they start playing. This helps owners determine if they need to listen to such messages.



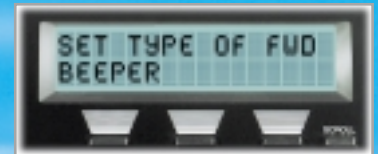
**CALL RECORD.** Any mailbox in the CADENCE voice mail system can be programmed to record conversations, with the added advantage that every station where this feature has been activated can be turned on or off at will by the mailbox owner. Conversation recordings can be paused for real time editing.



**ANSWER MACHINE EMULATION.** CADENCE gives mailbox owners the ability to monitor callers leaving messages in their mailbox. This enables the mailbox owner to decide whether to take the call or let the caller finish leaving a message. This function operates like home answering machines that enable residents to screen calls.



**FLEXIBILITY.** CADENCE makes it easy for you to take full advantage of all of the power available at your fingertips. Personalizing your mailbox has never been simpler. Options such as changing your greeting and activating pager notification are only two of the many features you control. CADENCE offers menu-driven, interactive screens which allow you to maximize all of its power.



# To Give You Total Control

## COMBINE "HIGHER IQ" VOICE-MAIL STORAGE & FORWARDING

**CALLER ID CALLBACK.** When listening to a message, the mailbox owner can easily return the call, whether it's a co-worker,



or an outside call, with the touch of a button. It's the added convenience of call return on every voice mail message.

**MEMO.** CADENCE makes leaving messages – even to yourself – easier than ever. Simply press #, plus the extension number of the mailbox where you want your message delivered or press ## and you can leave a message in your own mailbox as a reminder.



### TOTAL FAX CONTROL.

CADENCE "Higher I.Q." not only has the ability to store faxes sent to voice mailboxes until the mailbox owner is ready to print them, it provides for greater confidentiality by only outputting the fax to the mailbox owner's chosen fax machine when ready.

Even if you are away from your office, you can redirect your faxes to any fax machine, anywhere in the world, simply by telling CADENCE. You can easily copy faxes confidentially to other CADENCE users as quickly as copying a voice mail message.

When someone leaves you a fax message they have the option of leaving a voice message, attached to the fax, describing its contents. This feature is also available to you when forwarding a fax message to another CADENCE user.



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# SYSTEM FEATURES

## General

- Automatic Day / Night change
- Automatic message purge
- Caller ID compatible
- Holiday schedule
- Intelligent queuing
- Interactive keyset display
- Interruptible voice prompts
- IVR ready
- Modular expansion
- MOH supply
- Multi language support
- Re-record prompts
- Real time clock
- System greetings
- Voice / Fax mailboxes

## Auto Attendant

- Access to overhead paging
- Call transfer
  - Blind / Non supervised
  - Supervised
- Busy Override
- Call Queuing
- Call screening
- Day transfer only
- Follow me
- Notify before connect
- Dial by name
- Extension number confirmation
- Greetings by trunk number
- Operator transfer
- Redirect calls to another extension
- Single digit dialing

## Voice Mail

- Answer machine emulation
- Audiotext
- Auto forward
- Automatic conversation record
- Automatic greeting change
- Automatic log-in to mailbox

## Voice Mail (cont.)

- Call back
- Call forward to voice mail
- Call record
- Caller re-route
- Date and time stamp
- Direct messaging
- Group mailboxes
  - Broadcast Group
  - Dispatch Group
  - Retrieval Group
- Individual mailbox greetings
- Individual password security
- Introductory remarks
- Memo
- Message counter
- Message handling
  - Call back
  - Delete
  - Delivery confirmation
  - Fast forward
  - Forward
  - Message skip
  - Pause
  - Replay
  - Reply
  - Rewind
  - Send
  - Time and Date
  - Undelete
- Message length
- Message notification
  - Beeper notification
  - Cascade notification
  - Message waiting light
  - Outbound message notification
  - Urgent message notification
- Message purging
- Message sending
  - Append to message
  - Future delivery
  - Private messages

## Voice Mail (cont.)

- Order of message play (LIFO, FIFO)
- Personal operator
- Question and answer box
- Volume control
- Wake up

## Fax

- Broadcast fax
- Fax and voice mailbox
- Fax mail
- Fax on demand
- Fax only mailbox
- Fax tone recognition
- International dialing block
- Optional cover page
- Same call and fax back transmissions
- Set number of documents per call
- Time and Date stamp

## Administration

- Activity logging
- Administration mailbox
- Automatic maintenance utility
- Automatic setup
- Database backup
- Disk alarm
- Easy mailbox duplication
- Mailbox programming
- Multilevel security code control
- On-line administration
- Pre-programmed default settings
- Programmable MBX # length
- Programming
  - DTMF
  - PC Programming
- Real time display of system activity
- System reports

Some Features May Require Additional Software.

## General Specifications

	<i>DCS and DCS 50si</i>	<i>DCS 400si</i>
Number of Ports	Up to 8	Up to 16
Single Digit Branches	Up to 1000	Up to 1000
Message Storage Time	100 Hours	100 Hours
Number of User Mailboxes	1000	1000
Number of Group Mailboxes	Up to 1000	Up to 1000
Number of Cascade Mailboxes	Up to 1000	Up to 1000
Number of Audiotext Boxes	Up to 1000	Up to 1000
Number of Messages Per Mailbox	1024	1024

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