



# iDCS 500 Release 2

## Samsung's IP-Enabled Communications Platform



The iDCS 500 Release 2, Samsung's premier communications platform in our elite line of telephony products is designed to meet the current and future needs of medium to large companies.

iDCS 500 Release 2 is the platform for Samsung's new OfficeServ™ suite of applications including Voice over Internet Protocol (VoIP) Keysets and both local and remote and IP networking. These applications can provide your company significant cost savings in fax and toll charges and offer unmatched flexibility to support remote locations.

Samsung's Computer Telephony Integration (CTI) applications help your business run more smoothly and ease the administrative complexity of other telephone systems. The iDCS 500 Release 2 provides full support for OfficeServ™ Wireless, a VoIP wireless solution designed to meet your company's mobility needs and keep your employees in touch.

IP-enable your business today by unleashing the power and flexibility of the iDCS 500 Release 2. OfficeServ™ IP Keysets and IP networking coupled with the integrated feature-rich solutions provided by the iDCS 500 and OfficeServ™ applications will provide your business solutions to keep your customers satisfied and your company running efficiently.



# iDCS 500 Release 2 Features & Specifications

## System Features

Account Code Entry <ul style="list-style-type: none"> <li>Forced-Verified</li> <li>Forced-Not Verified</li> <li>Voluntary</li> </ul>	<ul style="list-style-type: none"> <li>No Answer</li> <li>Busy/No Answer</li> <li>Forward DND</li> <li>Follow Me</li> <li>External</li> <li>To Voice Mail</li> <li>Preset Destination</li> <li>Preset Forward Busy</li> <li>Call Forward Busy</li> </ul>	Direct In Lines	Message Waiting Key	Station Message Detail Recording
Account Code Key		Direct Inward Dialing (DID) / (T1/Copper) <ul style="list-style-type: none"> <li>Day/Night Routing</li> <li>Busy or Camp-On Option</li> <li>MOH Source</li> </ul>	Microphone On/Off per Station	Station Pair
Account Code Key-One Touch		DID Call Limits	Multiple Language Support	System Alarms
Administrator Program Key		Direct Inward System Access (DISA)	Music on Hold Flexible	System Maintenance Alarms
All Call Voice Page		Direct Trunk Selection	Music on Hold Sources	System Directory
Attention Tone		Directory Names	Networking <ul style="list-style-type: none"> <li>QSIG over IP</li> <li>QSIG over PRI</li> </ul>	Tenant Services (2)
Audio Message with Alarm Reminder	Call Hold <ul style="list-style-type: none"> <li>Exclusive</li> <li>System</li> <li>Remote</li> </ul>	DISA Security	Off Premises Extensions (OPX)	Toll Restriction <ul style="list-style-type: none"> <li>By Day or Night</li> <li>By Line or Station</li> <li>Eight Dialing Classes</li> <li>Special Code Table</li> </ul>
Authorization Codes <ul style="list-style-type: none"> <li>Forced</li> <li>Voluntary</li> </ul>	Call Park and Page	Distinctive Ringing	Operator Group	Toll Restriction Override
Auto Answer on CO	Call Pickup <ul style="list-style-type: none"> <li>Directed</li> <li>Groups</li> <li>Established</li> </ul>	Door Lock Release (Programmable)	Overflow <ul style="list-style-type: none"> <li>Operator</li> <li>Station Group</li> </ul>	Tone or Pulse Dialing
Auto Attendant†	Call Waiting/Camp-On	Door Phones	Override Codes	Traffic Reporting
Automatic Hold	Caller Emergency Service ID (CESID)	E & M Tie Lines (T1/Copper)	Paging <ul style="list-style-type: none"> <li>Internal Zones (5)</li> <li>External Zones (4)</li> <li>All External</li> <li>Page All</li> </ul>	Transfer <ul style="list-style-type: none"> <li>Screened/Unscreened</li> <li>Voice Mail Transfer Key</li> <li>With Camp-On</li> </ul>
Background Music	Centrex/PBX Use	Executive Barge-In (Override) <ul style="list-style-type: none"> <li>With Warning Tone</li> <li>Without Warning Tone</li> <li>Trunk Monitor or Service Observing</li> </ul>	Park Orbits	Trunk Groups
Branch Group	Chain Dialing	External Music Interfaces	Primeline Selection	Uniform Call Distribution (UCD)† <ul style="list-style-type: none"> <li>UCD Groups</li> <li>Call Statistics</li> <li>Programmable Line Privacy</li> <li>Manual Wrap Up Key</li> <li>Agent ID Numbers</li> <li>Agent Statistics</li> <li>Group Supervisors</li> <li>Printed Reports</li> </ul>
Call Activity Display	Chain Forward	External Page Interfaces	Private Lines	Universal Answer
Call Costing	Class of Service	Flash Key Operation	Programmable Line Privacy	Virtual Extensions
Caller Identification† <ul style="list-style-type: none"> <li>Automatic Number Identification (ANI)</li> <li>Caller ID</li> <li>Calling Line Identification (CLI)</li> </ul>	Common Bell Control	Flexible Numbering	Programmable Timers	Voice Mail <ul style="list-style-type: none"> <li>Integrated (In-skin)</li> <li>In-Band Signaling</li> </ul>
Caller ID Features <ul style="list-style-type: none"> <li>Name/Number Display</li> <li>Next Call</li> <li>Save Caller ID Number</li> <li>Store Caller ID Number</li> <li>Inquire Park/Hold</li> <li>Caller ID</li> <li>Caller ID Review List</li> <li>Investigate</li> <li>Abandon Call List</li> <li>Caller ID on SMDR</li> <li>Number to Name Translation</li> <li>Caller ID Send</li> </ul>	Computer Telephony Integration <ul style="list-style-type: none"> <li>SmartCentre</li> <li>OfficeServ Easy Set</li> <li>OfficeServ Call</li> <li>OfficeServ Operator</li> <li>OfficeServ Open TSP</li> </ul>	Group Busy Setting	Recalls	Voice over IP (VoIP)
Call Forwarding <ul style="list-style-type: none"> <li>All Calls</li> <li>Busy</li> </ul>	Conference <ul style="list-style-type: none"> <li>Add On (5 party)</li> <li>Unsupervised</li> <li>Split</li> </ul>	Ground Start Trunks (T1/Copper)	Recall to Operator	Walking Class of Service
	Customer Set Relocation	Hot Line	Redial Review	
	Data Security	In Group/Out of Group	Remote Programming—PC	
	Database Printout	Incoming Call Distribution	Ring Modes <ul style="list-style-type: none"> <li>Time Based Routing—Plans</li> <li>Automatic / Manual</li> <li>Holiday Schedule</li> <li>Temporary Override</li> </ul>	
	Daylight Saving Time—Automatic	Individual Line Control	Ring Over Page	
	Dialed Number Identification Service (DNIS)	IP Keysets	Secretary Pooling	
		ISDN Service <ul style="list-style-type: none"> <li>Primary Rate Interface (PRI)</li> <li>Basic Rate Interface (BRI)</li> </ul>	Single Line Connections	
		LAN Interface	Speed Dial Numbers <ul style="list-style-type: none"> <li>Station &amp; System List</li> </ul>	
		Least Cost Routing	Speed Dial by Directory	
		Live System Programming <ul style="list-style-type: none"> <li>From any Display Keypad</li> <li>With a Personal Computer</li> </ul>	Station Hunt Groups <ul style="list-style-type: none"> <li>Distributed</li> <li>Sequential</li> <li>Unconditional</li> </ul>	
		Meet Me Page and Answer		
		Memory Protection		
		Message Waiting Indication		

## Station Features

Add On Modules	One Touch Dialing Keys
Appointment Reminder	On-Hook Dialing
Automatic Hold	Privacy Release
Automatic Privacy	Programmable Keys
Background Music	Programmed Station Messages
Busy Station Callback	Protection from Barge-In
Busy Station Indications (BLF)	Redial <ul style="list-style-type: none"> <li>Auto Retry</li> <li>Last Number</li> <li>Memo Redial</li> <li>Save Number</li> </ul>
Call Forwarding	Remote Hold
Call Forwarding Override	Ring Modes <ul style="list-style-type: none"> <li>Auto Answer</li> <li>Ring—Eight Tone Choices</li> <li>Voice Announce</li> </ul>
Call Logs	Ring Preference
Call Pickup	Speakerphone
Direct Station Selection (DSS)	Station Lock
Do Not Disturb (Override)	Terminal Status Indicator
Do Not Disturb (Programmable)	Tri-Colored Lights
Door Lock Release	Volume Settings <ul style="list-style-type: none"> <li>Handset</li> <li>BGM</li> <li>Ringling</li> <li>Paging</li> <li>Speaker</li> <li>Off-Hook Ring</li> </ul>
Exclusive Hold	Wall-Mountable Keypads
Group Listening	
Headset Operation	
Hearing Aid Compatible	
Line Queuing with Callback	
Line Skipping	
Loud Ringing Interface	
Manual Signalling	
Message Waiting Light Indication	
Mute Microphone/Handset	
Off-Hook Ringing	
Off-Hook Voice Announce Executive	
Off-Hook Voice Announce Standard	
One Time Do Not Disturb	

## Keypad Display Features

Account Code Display	Enhanced Station Programming
Call Duration Timer	Identification of Recalls
Call for Group Identification	Identification of Transfers
Call Processing Information	Message Waiting Caller Number
Caller ID Information	Outside Line Identification
Calling Party Name	Override Identification
Calling Party Number	Programmed Message Display
Conference Information	Soft Keys
Date and Time Display	Stopwatch Timer
Dial by Name	Text Messaging
Dial by Number	UCD Supervisor Display†

## System Specifications

Keypads and AOMs	360
Single Line Telephones	360
IP Keypads	240
CO/Centrex/PBX Lines	352
PRI/T1 Digital Trunk Circuits	216
VoIP Channels	240
Total Number of Circuits in System Cannot Exceed	488



† Requires optional hardware and/or software. Contact your Samsung Authorized Dealer for details. Features subject to change without notice.