# Contact Centre Manual Installation and User guide

Specifications are subject to change without notice.

Facilities described may or may not be supported by your network.

This documentation refers to: Cloud Software Version 18.045 or later.

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## 1.Introduction

The Cloud PBX has an Integrated Contact Centre which is enabled by licence key.

The Contact Centre options on the system are typically used in companies which have a group of people working together, for example:

Tele-Sales Service Calls Reservations An Order Desk Multiple Receptionists

or, in any situation where a group of employees need to operate effectively as a team handling calls of a similar nature in a Work Group.

The Contact Centre offers advanced features that allow businesses to provide a professional level of service to inbound customer callers:

- 200 Agents
- 50 Skill sets
- 300 Automated attendant announcements
- Call Transfer and Overflow
- Position in Queue message
- Listen in, Whisper and Intrude
- Call overflow
- Agent and Supervisor Log In/Log Out
- Agent Wrap-up time
- Queue Status Wallboards
- Colour thresholds for key call parameters, per skill set
- Agent Priority on Skill level
- Skill set Mailboxes
- Agent and Skill set reports

Incoming calls to a skill set pool of agents may be:

- Routed on a dedicated inbound number destined to that skill set
- Transferred to another skill set or the Operator
- Queued on the Auto-Attendant

#### **Call Distribution**

Calls presented to a skill set pool may be distributed in a number of ways

• **Ring All:** The incoming call is offered to all members of the skill set simultaneously

- **Cyclic Start**: The incoming call is presented to an agent and if not answered moves around the other agents in a cycle. The starting agent in the cycle is also rotated.
- **Priority Routing**: The incoming call is always offered to the first member of the skill set pool, then to the second member, then to the third and so on. Agents can be ranked in the skill set pool in ascending order of skill so that calls are offered to the lower skill sets first.
- Longest Idle: calls are first offered to the longest idle agent.
- Longest Idle Internal: calls are first offered to the agent who has been idle the longest, based on internal calls only
- Longest Idle External: calls are first offered to the agent who has been idle the longest, based on external calls only.

### Call Queuing, Auto-Attendant and Voice Mail

Incoming callers can be routed to the appropriate skill set based on the number they have dialled. They are offered a menu of choices to further route the call to the appropriate agent and the system can play messages while they are queued waiting for an agent.

Example of a typical message: "Thank you for calling, an operator will answer your call shortly, alternatively dial 5 for Sales, dial 6 for Service, dial 7 for Transport, or hold for the operator"

The call is then routed to the relevant skill set. This significantly reduces call congestion and workload on operators.

#### **Position in Queue announcement**

A message can be played to callers, to advise them of their position in the queue.

#### Listen in/Whisper/Intrude

A supervisor can monitor calls for quality and training purposes, firstly by listening in, then by whispering to the agent, without being heard by the caller on the line and finally by intruding, to create a three-way conference.

#### **Call Overflow**

When a pool of agents is fully occupied with calls, new incoming calls may be overflowed to a different skill set pool or to voicemail or to an external destination. Overflow can be triggered when a call waiting threshold is exceeded.

#### Agent Login / Logout

Agents can Login and Out of Contact Centre Pools freely, typically for start/end of shift. There are many ways to do this:

- One touch toggle key on the system phone.
- Menu option on the system phone.
- Simple easy toggle option on the portal page.
- A dialling code on an analogue phone
- By Supervisor using web portal

#### Handling Traffic Peaks

Supervisors can login agents, using the drag & drop portal interface.

Agents may also Log-in to other skill sets during peak times to provide additional assistance in a busy skill set. This facilitates call handling during periods when particular skill sets carry a heavier load at specific times of day.

#### Wrap-up Time

At the end of a call, an agent will typically require a few minutes to complete actions such as processing orders, or writing up notes of the call. Each Agent can be assigned an individual wrap-up time by the supervisor.

#### Last Agent Log-Out

While Agents can Log into and out of a skill set freely, the system must take action if all agents log out, so that the skill set pool is not left unattended. In this event the calls are forwarded to a pre-defined destination.

#### Wallboard Supervisor Overview and Control using Web Portal

The skill set Supervisor has full control over the skill set pool, and can react to levels of calls into the skill set by adding agents using a simple drag and drop interface.

- Live status over-view of the skill set and all its agents.
- Reports regarding the performance of the skill set and its agents
- Quickly add, remove, login, logout using drag & drop portal interface
- Adding a message to the wall display.
- Call Record (can be emailed to Agent and Supervisor as wav file)
- Live listen-in, (Supervisor can connect into an agent call, silently, but can un-mute if needed)
- Supervisor takeover of a call from an agent

Several logins to the skill set web portal are possible, allowing for more than one supervisor over-seeing and controlling the skill set pool.

#### Skill set Reporting

The skill set supervisor can generate reports based on over-all skill set statistics and on a per agent basis, also allowing the option to set a date/time window for such reports as:

- Longest/ average wait times
- Longest/ average call times
- Max number of calls
- Number of call per day
- No of abandoned calls
- Agent League table

These reports can be viewed on the browser screen, printed out or saved as a file. Also the raw data may be exported to allow further analysis.

#### Wall Displays

Live wall displays give real time performance for each skill set pool. Statistics are continuously updated for call queues, answered calls, abandoned calls, calls answered by voicemail, calls forwarded to other skill sets.

For an individual agent, statistics such as average call length, longest call, and idle time can be displayed.

## 2. Setting-up the Contact Centre

## 2.1. Names for the Skill Sets

The contact centre contains 50 skill sets of agents. Each skill set has a Name and Group number. The name should be changed to describe the skill set. Examples could be 'Sales Campaign 820' or 'Sales Standard 821'. You may change the Names and Group numbers (being careful to avoid conflicts in the numbering plan), by clicking on the "Skillsets" link and filling in the white fields and pressing 'Save'.

ntre / Skillsets							Skillsets	
Index -			Name			Group	Skillset As	signment
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6		SI	killset 825			825	All Wall Dis	splays
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18		SI	killset 837			837		Go
19		SI	killset 838			838		Go
20		SI	killset 8888			8888		Go
21		SI	killset 840			840		Go
22		SI	killset 841			841		Go
23		SI	killset 842			842		Go
24		SI	killset 843			843		Go
25		SI	killset 844			844		Go
26		SI	killset 845			845		Go
27		SI	killset 846			846		Go
28			killset 847			847		Go
29		SI	dllset 848			848		Go

The Go button in the right hand column is to the Skillset programming page.

## 2.2. Assign Agents to the Skill Set

The number of licensed agents in the Contact Centre is indicated on the System Properties page:

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	SOAP Port (	TCP)			10070				

To assign the agents to a skill set, click on the 'Skillset Assignment' link, to display a list of all the groups and their members. Click on the Edit button of the Skill set you wish to populate with agents.

tem Settings	Time Settings U	ser Settings Group Settin	gs Trunk Settings	Access Control	Contact Centre Call Logging	
et Assignment					Skillsets	
Group	Name			Memb	Skillset Assignment	Ed
820	Sales	Stephen Hogan, Mila(137), Akuvo	× Another(135),Steve Lawley	(136),Seamus Doran(10	Skillset Attributes	
821	Skillset 821	Attendant Msg. 300(7299), Tom H	land(1025)		Message Forwarding	( 2
822	Support Centre 822	John Harper(1048),DaveS(1046)	,Support Q(7004)		Fallback to Operator	
823	Skillset 823	Michel(121),Fred(106),Gary Nol	an(1043)		All Wall Displays	
824	Skillset 824				Wall Username & Password	4
825	Skillset 825				External number priority	4
826	Skillset 826				Skillset/Agent Report	4
827	Skillset 827				Scheduled Report	4
828	Skillset 828	Stephen Hogan, Mila(137), Mauri	ce Blake eircom(138)		Wrap-up time	4
829	Skillset 829	Agent 139(139)				4
830	Magnet Test	Maurice Blake eircom(138),Mee	ting Room(1010)			4
831	Skillset 831					4
832	Live Demo					4
833	Skillset 833					4
834	Skillset 834	John Harper(1048), Fred(106)				4
835	Skillset 835					4
836	Skillset 836	Attendant Msg. 19(7018), Aoife D	oran(164), Philip Doran(165)			
837	Skillset 837					4
838	Skillset 838					4
0000	Okillast 0000	Attendent Mag. 250/7250) Dateb	Cin Toot/200			

On the Edit page for the skill set, you may add or remove agents from the skill set pool by dragging and dropping agents into the centre column as shown below. You can also select an Auto Attendant message for the skill set by clicking on the + sign underneath 'Select Auto-Attendant'. This message is played to callers who are queued for the skill set. The playing of the message along with the programming of any interactive response is programmed on the Auto-Attendant programming page.

		Group Assignme	ent - Group : Skills	et 821		
	Add All	1 Assignment	Remove All	Select Auto	o-Attendant	
Declan Gibbons (1	.050) + 🔺	\$ Tom Hand (1025)	_	Attendant	t Msg. 300	
Seamus Doran (10	041) +			+	F Contraction of the second seco	
Dave Victory (100	9) +					
Polycom Soundsta	ition +					
(1007)						
Gary Nolan (1043	) +					
Fred (106)	+					
Patch (1096)	+					
Andrea Hartigan (	1030) +					
John Harper (1048	B) +					
Fax Test 1088 (10	88) +					
DaveS (1046)	+					
Kevin Doherty (10	02) +					
DMaj Main (1095)	+					
Kevin Kenny 2 (11	L4) +					
John Manning (10	81) +					
Aidan Walters (10	23) +					
Paul Hickey (1059	) +					
Michael Collins (10	040) +					
Alexander Haywar	rd (119)+ 🔻					

## 2.3. Select the type of Call Distribution for the Skill set

On the 'Skillset Attributes' page, you can choose, from the Call Distribution dropdown menu, how calls are distributed, to the agents in the skill set group.

Contact Centre / Skillset Attributes

ndex •	Group	Name	Leader	Call Distribution	Enable Voicemail 🕀 🔵	Messages	Used (Mins)	PIN Code
1	820	Sales	None •	Longest Idle 🔹 🔻	<ul> <li>Image: A start of the start of</li></ul>	20 🔻	0 (0.0)	
2	821	Skillset 821	None 🔻	Ring All 🔹	<ul> <li>Image: A start of the start of</li></ul>	20 🔻	0 (0.0)	
3	822	Support Centre 822	All 🔻	Longest Idle 🔹 🔻	<ul> <li>Image: A start of the start of</li></ul>	Unrestricted <b>v</b>	3 (1.3)	••••
4	823	Skillset 823	None 🔻	Ring All 🔹	<b>a</b>	20 🔻	0 (0.0)	
5	824	Skillset 824	None 🔻	Ring All 🔹	<ul> <li>Image: A set of the set of the</li></ul>	20 🔻	0 (0.0)	
6	825	Skillset 825	None •	Ring All 🔹	<ul> <li>Image: A second s</li></ul>	20 🔻	0 (0.0)	
7	826	Skillset 826	None •	Ring All 🔹	<ul> <li>Image: A second s</li></ul>	20 🔻	0 (0.0)	
8	827	Skillset 827	None •	Ring All 🔹		20 🔻	0 (0.0)	
9	828	Skillset 828	None •	Ring All 🔹		20 🔻	0 (0.0)	
10	829	Skillset 829	None •	Ring All 🔹		20 🔻	0 (0.0)	
11	830	Magnet Test	None 🔻	Ring All 🔹	<b>a</b>	20 🔻	0 (0.0)	
12	831	Skillset 831	None 🔻	Ring All 🔹	<ul> <li>Image: A start of the start of</li></ul>	20 🔻	0 (0.0)	
13	832	Live Demo	None 🔻	Ring All 🔹	<ul> <li>Image: A start of the start of</li></ul>	20 🔻	0 (0.0)	
14	833	Skillset 833	None 🔻	Ring All 🔹	<b>a</b>	20 🔻	0 (0.0)	
15	834	Skillset 834	All 🔻	Priority Routing 🔹	<ul> <li>Image: A second s</li></ul>	20 🔻	0 (0.0)	••••
16	835	Skillset 835	None •	Ring All 🔹	<ul> <li>Image: A second s</li></ul>	20 🔻	0 (0.0)	
17	836	Skillset 836	None •	Ring All 🔹	<ul> <li>Image: A second s</li></ul>	20 🔻	0 (0.0)	
18	837	Skillset 837	None •	Ring All 🔹	<ul> <li>Image: A second s</li></ul>	20 🔻	0 (0.0)	
19	838	Skillset 838	None 🔻	Ring All 🔹	<b>a</b>	20 🔻	0 (0.0)	
20	8888	Skillset 8888	None 🔻	Ring All 🔹	<b>a</b>	20 🔻	0 (0.0)	
21	840	Skillset 840	None 🔻	Ring All 🔹	<b></b>	20 🔻	0 (0.0)	
າາ	0/1	Chilloot 0.44	Napa 👻	Ding All		20 -	0 (0 0)	

- Ring All: The incoming call is offered to all members of the skill set simultaneously
- **Cyclic Start**: The incoming call is presented to an agent and if not answered moves around the other agents in a cycle. The starting pointed the cycle is also rotated.
- **Priority Routing**: The incoming call is always offered to the first member of the skill set pool, then to the second member, then to the third and so on. Agents can be ranked in the skill set pool in ascending order of skill so that calls are offered to the lower skill sets first.
- Longest Idle: calls are first offered to the longest idle agent.
- Longest Idle Internal: calls are first offered to the agent who has been idle the longest, based on internal calls only
- Longest Idle External: calls are first offered to the agent who has been idle the longest, based on external calls only.

You may also select a leader for each skill set. The leader of the skill set can access the voice mailbox of the skill set to listen to the voice messages. You may also enable voice mail and set the PIN code for the skill set mailbox and set a limit to the number of voicemail messages.

## 2.4. Fallback to Operator

The 'Fallback to Operator' page is used to forward the calls destined for the skill set to the Operator in the event of No Answer or Busy from the skill set group.

ndex •	Group	Name		Forward on No An	swer Fallback 🕀 🔵	For	ward on Busy Fallba	ck 🕀 🔘 🇴	
1	820	Sales			0				
2	821	Skillset 82	21						
3	822	Support Centre	re 822						
4	823	Skillset 82	23						
5	824	Skillset 82	24						
6	825	Skillset 82	25						
7	826	Skillset 82	26						
8	827	Skillset 82	27						
9	828	Skillset 82	28						
10	829	Skillset 82	29						
11	830	Magnet Te	est						
12	831	Skillset 83	31						
13	832	Live Dem	10						
14	833	Skillset 83	33						
15	834	Skillset 8	34						
16	835	Skillset 83	35						
17	836	Skillset 8	36						
18	837	Skillset 83							
19	838	Skillset 83							
20	8888	Skillset 88	88						
21	840	Skillset 84	40						
22	841	Skillset 84							
23	842	Skillset 84	42						

## 2.5. Position in Queue announcement

The Auto Attendant can be programmed to play a holding message to callers who are waiting for an agent and to repeat this message at a regular interval. Each time the holding message is played to a caller, a Queue Message is added after the holding message advising the caller of their position in the queue. Queue Message 1 corresponds to the first position in the queue, Queue Message 2 corresponds to the second position in the queue et cetera and Queue Message 10 corresponds to position 10 or higher.

To activate Queue Messages, you must first go to the System Settings/Auto-Attendant programming page and tick the box 'Queue'.

Settings / Auto-Attendant							
o-Attendant: Enabled	1 •		Number P	er Page: 50 🔻		Page ( 1 / 2 / 3	/4/5/0
Message	Duration	Controls	Number	Delay Timer	Ring assigned Users	Digit Assignment	Queu
Welcome Message	00:00:19	$\mathbf{N}$	7000	2		Digits	
Hold Message	:	$\mathbf{b} \otimes \mathbf{a}$	7001	15		Digits	
Greeting and Clear	:	$\mathbf{b} \otimes \mathbf{a}$	7002	0		Digits	
Support day	00:00:05	$\mathbf{N}$	7003	2		Digits	
Support Q	00:00:17	$\mathbf{N}$	7004	10		Digits	
Support night	00:00:29	$\mathbf{N}$	7005	0		Digits	~
Support voicemail	00:00:09	$\mathbf{N}$	7006	0		Digits	
dshaw holiday	:	$\mathbf{b}$	7007	0		Digits	
Attendant Msg. 9		$\mathbf{b}$	7008	10		Digits	
Attendant Msg. 10		$\mathbf{b}$	7009	0		Digits	
Attendant Msg. 11		$\mathbf{b} \otimes \mathbf{a}$	7010	10		Digits	
Attendant Msg. 12	:	$\mathbf{D}$	7011	10		Digits	
Attendant Msg. 13	:	$\mathbf{D}$	7012	10		Digits	
Attendant Msg. 14	:	$\mathbf{D}$	7013	10		Digits	
Attendant Msg. 15		$\mathbf{N}$	7014	10		Digits	
Attendant Msg. 16	:	$\mathbf{P} \otimes \mathbf{A}$	7015	10		Digits	
Attendant Msg. 17	:	$\mathbf{D}$	7016	10		Digits	
Attendant Msg. 18	;;	$\mathbf{D}$	7017	10		Digits	

## The ten position in queue messages should be recorded at the Queue Message page, under System settings.

System Settin	ngs Time Settings	User Settings	Group Settings	Trunk Settings	Access Control	Contact Centre	Call Logging
n Settings / Queue Message							
Message	Durat	ion	Contr	ols		Number	
Queue Message 1	;;		$\mathbf{D}$	$\mathbf{\overline{\mathbf{v}}}$		7300	
Queue Message 2	;;	-	$\mathbf{D}$	9		7301	
Queue Message 3	;;			9		7302	
Queue Message 4	;;			9		7303	
Queue Message 5	;;			9		7304	
Queue Message 6	;;		$\triangleright$	9		7305	
Queue Message 7	::			9		7306	
Queue Message 8	::		$\mathbf{D}$	9		7307	
Queue Message 9	::			9		7308	
Queue Message 10	;;		$\triangleright$	$\overline{\mathbf{v}}$		7309	

The controls are used to upload, play or delete pre-recorded messages. The play button also offers the option to backup messages in G.711 format. In order to upload a new recording, the previous version must be deleted.

The messages can also be entered using a system phone with operator functionality. There is an option in the phone menu to record queue messages. There are no messages in the system by default.

Each message has an internal number. The default queue message numbers are 7300 to 7309.

Warning: If you change the default Message Numbers, it is essential to avoid conflicts between the different number ranges for Users, Groups, Skillsets and Auto-Attendant Messages. Any conflicts or duplicates in the numbering plan will cause errors in the system operation.

## 2.6. Listen in, Whisper, Intrude

In a Call Centre it is often useful for a Supervisor to monitor calls for quality and training reasons. Calls can be Recorded and reviewed at a later date, but for some situations live listenin and whisper is the best option.

**Connection options** 

Listen-in Mode (the Supervisor can hear the conversation between the Caller and the Agent, but they cannot hear the Supervisor.)

Whisper Mode (the Supervisor can hear the conversation between the Caller and the Agent, and the Agent can hear the Supervisor but the caller cannot hear the Supervisor.)

Intrude Mode (This is a full 3 way call, all parties can hear and talk to each other.)

#### Setup

The Supervisor should be enabled for the option "Listen/Whisper" in the "User Features" dropdown list under "User Settings" on the installer web page.

User Settings / User Features

Ire: Listen/Whisper	T	Number Per Page: 50 🔻	Page ( 1 / 2 / 3 / 4
Index -	User Number	Name	Enable 🕀 🗢
1	1050	Declan Gibbons	
2	1041	Seamus Doran	
3	1009	Dave Victory	
4	1007	Polycom Soundstation	
5	1043	Gary Nolan	
6	106	Fred	
7	1096	Patch	
8	1030	Andrea Hartigan	
9	1048	John Harper	
10	1088	Fax Test 1088	
11	1046	DaveS	
12	1002	Kevin Doherty	
13	1095	DMaj Main	0
14	114	Kevin Kenny 2	
15	1081	John Manning	
16	1023	Aidan Walters	
17	1059	Paul Hickey	
18	1040	Michael Collins	
19	119	Alexander Hayward	
20	1025	Tom Hand	
21	121	Michel	
22	1010	Meeting Room	
23	1054	Romain L	
24	1051	John Welnick	
25	1052	Daniel Apitz	
26	1053	Stephan Chust	
27	1055	Alox Poirco	

It is also best to define a Listen-in key on the Supervisors phone.

If the Supervisor intends to intrude and create a full three-way conference on the call, the Supervisor needs to be enabled for "Intrude" under the "User Settings" in the installer web page.

ndex •	User Number	Name	Enable 🕀 🗢	Protection 🕀 🗢
1	1050	Declan Gibbons		
2	1041	Seamus Doran		
3	1009	Dave Victory		
4	1007	Polycom Soundstation		
5	1043	Gary Nolan		
6	106	Fred		
7	1096	Patch		
8	1030	Andrea Hartigan		
9	1048	John Harper		
10	1088	Fax Test 1088		
11	1046	DaveS		
12	1002	Kevin Doherty		
13	1095	DMaj Main		
14	114	Kevin Kenny 2		
15	1081	John Manning		
16	1023	Aidan Walters		
17	1059	Paul Hickey		
18	1040	Michael Collins		
19	119	Alexander Hayward		
20	1025	Tom Hand	×	
21	121	Michel	×	
22	1010	Meeting Room	×	
23	1054	Romain L	×	
24	1051	John Welnick	×	
25	1052	Daniel Apitz		
26	1053	Stephan Chust	×	
27	1055	Aloy Boirco		

It is also best to define an Intrude key on the Supervisors phone.

## 2.7. Wall Displays

Go to the page 'All Wall Displays' and click on the settings icon to select which of the 50 skill sets you wish to display on the wallboard.

	All Wall D	lisplays			
Support	Centre 822	Skills	set 823	Skills	set 828
Availa	ble:2/2	Availa	ble:1 / 2	Availa	able:0 / 0
otal Calls: A	bandoned Calls:	Total Calls: Al	oandoned Calls:	Total Calls: A	bandoned Calls:
1	0	0	0	0	0
Progress:	Waiting:	In Progress:	Waiting:	In Progress:	Waiting:
0	0	0	0	0	0
ol.ill			-+ 000		-+ 0000
	set 834		set 836		et 8888
	ble:1/2		ble:0 / 1		able:0 / 1
otal Calls: A	oandoned Calls:	Total Calls: Al	oandoned Calls:	Total Calls: A	bandoned Calls:
0	0	0	0	0	0
-	Waiting:	In Progress:	Waiting:	In Progress:	Waiting:
Progress:	waiting.	in rogress.	Training.		

By clicking the skillset button, the summary live status panel for the skillset is displayed and the button becomes green.

You can display a message or a title at the top of the wallboard by typing it into the white box.

			Caption:					
G	18/05/2016	09:52:52		January inbound sales promotion				
S	ales	Skill	set 821	Support	Centre 822	Skills	et 823	
Avail	able:1/3	Availa	able:0/1	Availa	able:2/2	Availa	ble:1/2	•Sales
Total Calls: A	bandoned Calls:	Total Calls: A	bandoned Calls:	Total Calls: A	bandoned Calls:	Total Calls: At	oandoned Calls:	
0	0	0	0	1	0	0	0	Skillset 821
In Progress:	Waiting:	In Progress:	Waiting:	In Progress:	Waiting:	In Progress:	Waiting:	In Pro Support Centre 822
0	0	0	0	0	0	0	0	Skillset 823
								Skillset 824
								Skillset 825
								Skillset 826
	set 829		net Test		set 834		et 836	Skillset 827
	able:0 / 1		able:0/1		able:1 / 2		ble:0 / 1	
	bandoned Calls:		bandoned Calls:		bandoned Calls:		oandoned Calls:	
0	0	0	0	0	0	0	0	Skillset 829
In Progress:	Waiting:	In Progress:	Waiting:	In Progress:	Waiting:	In Progress:	Waiting:	In Pro <mark>e</mark> Magnet Test
U	U	0	U	U		U	0	Skillset 831
								Live Demo
								Skillset 833
Club	set 860		)		)		)	Skillset 834
	able:2/4							Skillset 835
	bandoned Calls:							Skillset 836
In Progress:	Waiting:							Skillset 837
0	0							Skillset 838
								Skillset 8888

By clicking on any skill set panel, you display the detailed performance for the skill set and for every individual agent in the skill set. Call data collection must first be activated under the Group Settings icons for the skill set.

8/05/2016 10:01:07								Logout ( wasins
				(+(	×			
Skillset 860 : Inter						Current State Skillset 860 Available:2/4	Skills	mmary et 860
DMaj Main		DMaj iPhone3GS Not Connected		ıj iPhone5		📞 in Progress: 🤅	Total Calls:	
Answered: Since Last Call: Av. Call Length: Longest Call:	0 :-:-:	Answered: Since Last Call: Av. Call Length: Longest Call:	:: Sin Av.	wered: 0 ce Last Call::- Call Length::- gest Call::-	:	Waiting: 6	Answered Calls Ringing	
DMaj iPhone 6 Plus		Longest can.	Lor	gest Call::-		<u> </u>	0.0% 0.0% 0.0% Av. Ring Length: Longest Ring:	0.0% 0.0% 0.0
Connected	A						Answered Calls 0.0% 0.0% 0.0%	
Since Last Call: Av. Call Length:							Quantity: Av. Call Length:	0.0% 0.0%
Longest Call:	:	)					Longest Call: Since Last Call:	
							Abandoned Calls	
							0.0% 0.0% 0.0% Quantity:	0.0% 0.0% 0.
							Av. Ring Length: Longest Ring:	:-
							Since Last Ring:	:-
							Answered Calls: Abandoned Calls:	
							Forwarded Calls Quantity:	
							Queue	
								English •

Each skill set has a supervisor wall display which gives real time statistics on the key performance indicators for that skillset.

			]	(+(	×	
Users						Curre Skill
	DMaj iPhone3GS Not Connected		C DMaj iPhone5		Login all	Avai.
::	Answered: Since Last Call:	0	Answered: Since Last Call:			·····

The icons at the top give easy access to Group Assignment, Messages, Forwarding and the skill set settings (e.g. message forwarding, email address, PIN code, banner url, call report data collection periods and thresholds for color highlights).

## 2.8. Program call reports' data collection and thresholds per skill set

(+( م Group Settin **Current Status** Call Summary Skillset 860 nal Users Skillset 860 Available:2/4 DMaj iPhone3GS 📞 DMaj iPhone5 . Total Calls: 📞 in Progress: 🛛 Ø Answered: Since Last Call: Av. Call Length: Longest Call: Answered: Since Last Call: Av. Call Length: Longest Call: Answered Calls 🧭 Waiting: 0 Ringing 0.0% 0.0% 0.0% 0.0% Av. Ring Length: Longest Ring: ered Calls 
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 0.0%
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 0.0%
 0.0%
 0.0%
 <td Longest Call: Since Last Call: 0.0% 0.0% 0.0% 0.0% Av. Ring Length: Longest Ring: Since Last Ring: Voicemail Calls Answered Calls: Abandoned Calls: Forwarded Calls Quantity:

Click on the Group Settings icon at the top of the Skill set programming page.

Voice mail forwarding may be activated and email address, PIN code and Banner URL selected for the skillset.

		(→(	July and the second sec			
Enable/Disable	Other Settings	S		Current Statu: Skillset 860 Available:2 / 4		mmary et 860
Voicemail Forwarding	E-mail Address	:		📞 In Progress: Ø	Total Calls:	
	PIN Code :			Waiting: 0	Answered Calls Ringing	
	Banner Url :			waiting. Ø	0.0% 0.0% 0.0%	0.0% 0.0% 0
(	Enable Data	a Collection :			Longest Ring: Answered Calls	:-
	Threshold value				0.0% 0.0% 0.0% Quantity:	0.0% 0.0% 0
					Av. Call Length: Longest Call:	:
					Since Last Call:	1
					0.0% 0.0% 0.0%	0.0% 0.0% 0
					Av. Ring Length: Longest Ring:	
					Since Last Ring:	:
					Answered Calls: Abandoned Calls:	
					➡Forwarded Calls Quantity:	
					Queue	
						English

Click on the (Enable) Data Collection tab to access the following page.

#### **Contact Centre**

			(+(			
Data collection and call su	ummary times			Current Status Skillset 860 Available:2 / 4	Call Summary Skillset 860	1
Data Collection Start time           Time:         16         HH         0         MI           Date:         17/05/2016         Interval         Interval	N			📞 In Progress: 0	Total Calls:	(
Data Granularity Interval] (Time : Min 30	>= 5) Hour 0	Day 0	Week	Waiting: Ø	Answered Calls Ringing 0.0% 0.0% 0.0%	0.0% 0.0
Call Summary Start time           Time:         16         HH         0         MI           Date:         17/05/2016         Integral         <	И				Av. Ring Length: Longest Ring: Answered Calls 0.0% 0.0% 0.0% 0.0%	:: :: 0.0% 0.01
Call Summary Reset Interval (Tir Min 30	me >= 5) Hour	Day	Week		Quantity: Av. Call Length: Longest Call:	::
		Ø8			Since Last Call: Abandoned Calls 0.0% 0.0% 0.0% 0.0%	:
					Quantity: Av. Ring Length:	::
					Longest Ring: Since Last Ring: QVoicemail Calls	::
					Answered Calls: Abandoned Calls:	(
					Forwarded Calls Quantity:	(
					Queue	lish 🔻
					Endi	1511 * 1

Select the data collection (snapshot) start time. This is the time at which the system will begin to store call information on the skill set in the Skill set Reports database. The Data Granularity Interval defines the duration of each snapshot.

The Call Summary Start time is the time at which the data displayed in the Call Summary for the skill set on the right hand side of this display is first reset. This is normally the same as the Data Collection Start time. The Call Summary Reset Interval is the period before which the Call Summary running totals displayed on this page are reset to zero. The Reset Interval should normally be a multiple of the Data Granularity Interval. Click the green arrow at the bottom of the page, to save the changes.

Enable/Disable	Other Settings	Current St Support Cen Available:2	tre 822
Voicemail Forwarding	E-mail Address : support@mdsgateways.com	📞 In Progress:	0
	PIN Code : 2580	Waiting:	
	Banner Url : http://www.mosgatewaysstore.com/banner/ban	waiting:	0
(	Enable Data Collection :		
	Threshold values		

Click on the red Enable Data Collection icon, so that it turns to green, to activate the call data collection.

## **Contact Centre**

			_				<u></u>
		(→(		7			
Enable/Disable	Other Setting	js	Group Settings	Current S Support Ce Available	ntre 822	Call Sum Support Cer	
Voicemail Forwarding	E-mail Address	s : support@mdsgatew	ays.com	📞 In Progress	0	Total Calls:	0
	PIN Code : 258	0				Answered Calls	
	Banner Url : ht	ttp://www.mdsgateways	store.com/banner/ban	Waiting:	0	0.0% 0.0% 0.0% 0 Av. Ring Length:	.0% 0.0% 0.0%
	Enable Dat	ta Collection :				Longest Ring: Answered Calls	::
<	Threshold valu	les	$\rightarrow$			0.0% 0.0% 0.0% 0 Quantity:	
						Av. Call Length: Longest Call:	
						Since Last Call:	
						Abandoned Calls	
						0.0% 0.0% 0.0% 0	.0% 0.0% 0.0%
						Av. Ring Length:	
						Longest Ring:	
						Since Last Ring:	
						Solution Voicemail Calls	
						Answered Calls:	0
						Abandoned Calls:	0
						Forwarded Calls	
						Quantity:	0

Click on the Threshold values box to set the color signals, that advise when programmed levels of call answering and handling have been breached, for the Call Summary and the Current Status:

•-			<b>(;→(</b> ;
	In Progress	Thresho	old values
	Colour 1	Total Calls	Time
	#e4ca5e °	1	
	#968827	2	0 0
	#b34a29	3	
	#ef1010	4	
	#ef10f7	5	0 0 0 0
	Colour	Total Calls	Time
	#28a010		
	#968827	2	0 1:0 1:30

In the column on the left, the color that applies when each threshold is reached may be altered.

- 1. Click on the color threshold box to be changed.
- 2. Select the general color range on the circle.
- 3. Click on the precise color in the square.

In the second column, the Total Calls number thresholds are listed in ascending order for both In Progress calls and calls Waiting in the queue.

#### **Contact Centre**

		(;→(;	×				
	Thres	hold values		Current St		Call Sumr	
In Progress Colour	Total Calls	Time		Available:		Skillset 8	323
#28a010	1		*	📞 In Progress:	0	Total Calls:	e
#968827	2	0 0	* *			Answered Calls	
#b34a29	3	0 * : 3 * : 0	*	Waiting:	0	Ringing 0.0% 0.0% 0.0% 0. Av. Ring Length:	0% 0.0% 0.09
#ef1010	4	0 0 0	*			Longest Ring: Answered Calls	::
#ef10f7	5	0 0	*			0.0% 0.0% 0.0% 0.	
Waiting Colour	Total Calls	Time				Av. Call Length: Longest Call: Since Last Call:	
#28a010	1	0 0 15	•			Abandoned Calls	:
#968827	2	0 0 0 30	*			0.0% 0.0% 0.0% 0. Quantity:	
#b34a29	3	0 0 1:45	*			Av. Ring Length: Longest Ring: Since Last Ring:	
#ef1010	4	0 0 0	•			Voicemail Calls Answered Calls:	
#ef10f7	5	0 1 1 1	* *			Abandoned Calls:	
						Quantity:	
	••					Queue Av. Calls in Q:	
						(	English 🔹

In the Current Status column, the background colors on the number of In Progress and Waiting calls corresponds to the exceeded threshold value. The background colors on each of the individual calls correspond to the respective Time thresholds.

The Call Summary column, on the right, displays the percentage of calls that have passed each of the programmed Time thresholds. The percentage on the clear background, on the left, represents the calls below the first threshold, in each row.

Click on the green arrow to accept your changes.

## 2.9. Wallboard log-in: Wall Username and Password

The wallboard information for each skill set may be displayed on any monitor by browsing to the Cloud PBX and entering the associated user name and PIN code. The live statistics for any skill set can be displayed on several monitors, logged in to the same account. The live wall of a skill-set may be displayed at both ends of the room and on a computer screen on the supervisor's desk.

The usernames and PIN codes are defined on the Wall Username & Password page:

System Settings	Time Settings	User Settings	Group Settings	Trunk Settings	Access Control	Contact Centre	Call Logging		
tre / Wall Username & Passw	vord								
Grou				U	ser			PIN Code	
All Wall D	isplays			allwall				••••	
Sale				Wall 820					
Skillse				Wall 821				••••	
Support Ce			Wall 822						
Skillse				Wall 823					
Skillse				Wall 824					
Skillse	t 825			Wall 825	Wall 825				
Skillse	t 826			Wall 826					
Skillse	t 827			Wall 827					
Skillse	t 828			Wall 828					
Skillse	t 829			Wall 829					
Magnet	Test			Wall 830					
Skillse	t 831			Wall 831					
Live D	omo			Live Demo					

The first user on this page 'allwall' has access to set the wall display for all skill sets. All of the other users on this page have access for a single skillset.

## 2.10. External Number Priority

The supervisor may prioritize inbound calls to the Contact Centre, based on the number dialed. Calls to a high priority number will be answered first. You can set the priority for each external number by selecting from the dropdown menu in the 'Priority' column:

	System Settings	Time Settings	User Settings	Group Se	ettings	Trunk Settings	Access Control	Contact Centre	Call Loggi
act Centre	/ External number priority								
			Num	ber Per Pa	ge: 50	•		Page ( 1	/2/3/4)
	F	External Number				Name		Priority	
35318160000						MSN 01		2 🔹	
		35318160050						1 🔹	
		35318160041						4 🔻	
		35318160009						3 🔹	
		35318160007						None 🔻	
		35318160043						None 🔻	
		35318160096						None •	
		35318160030						None •	
		35318160048				dugjhdgh		None •	
35318160046					Your DDI		None •		
35318160002							None 🔻		
		35318160095						None •	
		35318160081				MSN_081		None •	
		35318160040						None •	

## 2.11. Skillset, Agent and Login Reports

The system stores call data from the programmed Data Collection time for each skill set, provided the Enable Data Collection tab at the skill set Group Settings is set to display the green button. Data collection must be turned on, as described in this manual under "Program call reports' data collection and thresholds per skill set".

You can generate reports of the key performance indicators for each agent or skillset and for agents' login statistics.

		Skillset/Agent Report  Skillset/Agent Report  Skillset/Agent Report										
Period Start	Time:	16	џ нн	21	ф MN	Date: 17/04/2016						
Period End	Time:	16	‡ HH	21	С MN	Date: 17/05/2016						
	S	skillset/A	aent R	eport :	Output	Columns						
Skillset/Agent Report : Output Columns Draw a box with your cursor to select items. Hold down the Ctrl key to make multiple non-adjacent selections. Selected items have a grey background.												
			_									
		<u> </u>		otal Ca								
			-		Thresh	••						
			-		Thresho	•••						
					swered							
					wered (							
					Thresh Thresh	• •						
		Conne		wered		010 [%]						
				Call Le								
				ngest (	-							
		Las		-	ered Ca	lle )						
					Thresh							
					Thresh	• •						
				doned								
		Av. Rind	Lengt	h ( Aba	ndoned	1 Calls )						
					ndoned							
		Last	t Call (	Aband	oned Ca	alls)						
		Voicen	nail Ca	lls ( An	swered	Calls )						
		Voicem	ail Call	s ( Aba	ndoned	t Calls )						
			Forw	arded	Calls							
			Av.	Calls i	n Q							
			Max	Calls	in Q							
		Av	. Ring I	Length	(Queu	e)						
		1	ongest	Ring (	Queue	)						



Select the type of report from the drop-down menus at the top left of the page and the time period of the report.

Select or deselect the Skillsets or Agents by clicking the Edit button and clicking the circular bulbs from red to green.

Select All				
Sales	Skillset 821	Support Centre 822	Skillset 823	
Skillset 824	Skillset 825	●Skillset 826	Skillset 827	
Skillset 828	Skillset 829	●Magnet Test	Skillset 831	
Live Demo	Skillset 833	●Skillset 834	Skillset 835	
Skillset 836	Skillset 837	●Skillset 838	Skillset 8888	
Skillset 840	Skillset 841	●Skillset 842	Skillset 843	
Skillset 844	●Skillset 845	●Skillset 846	Skillset 847	
Skillset 848	Skillset 849	●Skillset 850	Skillset 851	
Skillset 852	●Skillset 853	●Skillset 854	Skillset 855	
Skillset 856	Skillset 857	●Skillset 858	Skillset 859	
Skillset 860	Skillset 861	●Skillset 862	●Skillset 863	
Skillset 864	●Skillset 865	●Skillset 866	Skillset 867	
Skillset 868	•2222222222222222			
	Last Cal	( Answered Calls )		
Abandoned Ringing Threshold [#]				
Abandoned Ringing Threshold [%]				
Abandoned Calls				
Av. Ring Length ( Abandoned Calls ) Longest Ring ( Abandoned Calls )				
Last Call ( Abandoned Calls )				
Voicemail Calls ( Answered Calls )				
Voicemail Calls ( Abandoned Calls ) Forwarded Calls				
	Fo	rwarded Calls		

The report for a skillset comprises a selection of the following key performance indicators:

Total Calls, Answered Calls, Average Call Length, Longest Call, Last Call, Average Ring Length, Longest Ring,

For Abandoned Calls: Number of abandoned calls, Average ring length, Longest Ring, Last Call

Voicemail Calls Answered, Voicemail Calls Abandoned

Forwarded Calls, Average Calls in Queue, Maximum Calls in Queue, Average Ring length in Queue, Longest Ring in Queue.

You can click on the icons at the bottom of the page to preview the report or download it as a csv file.

Skillset/Agent Report	Skillset Edit User Edit Summary/Detailed Both
Skillset/Agent Report	
Agent Report	
Agent Login	HH 15 MM Date: 19/04/2016
Period End Time: 16	HH 15 19/05/2016

Selectin Agent at the dropdown menu reports on agents' Call performance:

Agent Report : Output Columns
Draw a box with your cursor to select items. Hold down the Ctrl key to make multiple non-
adjacent selections. Selected items have a grey background.

Answered Calls
Av. Call Length
Longest Call
Last Call



Selecting "Agent Login" from the drop down menu enables reports on agent availability, calls forwarded and time logged out of skill sets and on DND (Do Not Disturb).

Skillset/Agent Report Agent Login	t Skills	et Eat Use	er Edit S	ummary/Detailed Both •
Skillset/Agent Report Agent Report				
Agent Login	C HH	15 0	MM	Date: 19/04/2016
Period End Time: 1	16 🗘 HH	15 0	MM	Date: 19/05/2016

Agent Login : Output Columns : Summary Draw a box with your cursor to select items. Hold down the Ctrl key to make multiple non-adjacent selections. Selected items have a grey background.

Total Available Time
Total Unavailable Time
Total Available Time(Excluding Wrap-up)
Total Unavailable Time(Excluding Wrap-up)
Logged in
Logged out
Forward All Calls On
Forward All Calls Of
Connected
Disconnected
In Skillset
Out Of Skillset
DND : Of
DND Mode 1
DND Mode 2
DND Mode 3
DND Mode 4
DND Mode 5
DND Mode 6
DND Mode 7
DND Mode 8
DND Mode 9

Agent Login : Output Columns : Detailed Draw a box with your cursor to select items. Hold down the Ctrl key to make multiple non-adjacent selections. Selected items have a grey background.

Available
Available(Excluding Wrap-up)
Logged out
Forward All Calls On
Disconnected
Out Of Skillset
DND : Of
DND Mode 1
DND Mode 2
DND Mode 3
DND Mode 4
DND Mode 5
DND Mode 6
DND Mode 7
DND Mode 8
DND Mode 9

## 2.12. Creating a Scheduled Report

This page is used to schedule regular reports or occasional reports of Key Performance Indicators. You can select the performance parameters to be included in the report, the reporting period and frequency, and specify a list of email addresses the report will be sent to.

The page displays a list of the currently scheduled reports and an option to "Add new Scheduled Report".

1/05/2016 16/29/42	
Add new Scheduled Report	
• 🖉 😒	
Name First Report Next Report Cover PeriodRepeat PeriodE-mail Address	Name First Report Next Report Cover PeriodRepeat PeriodE-mail Address
sales week 15:46:00 26/08/2014 15:46:00 24/05/2016 Weeks 1 Weeks 1	Scheduled Report 10 16:59:26 04/02/2015 16:59:26 17/05/2016 Days 1 Days 1
• 🖉 🕸	
Name First Report Next Report Cover PeriodRepeat PeriodE-mail Address	s Name First Report Next Report Cover PeriodRepeat PeriodE-mail Address
Scheduled Report 11 17:01:15 04/02/2015 Days 1 Days 1	Scheduled Report 12         17:04:23         02/04/2015         Days 1         Days 1
• 🖉 🕸	
Name First Report Cover PeriodRepeat PeriodE-mail Address	s Name First Report Next Report Cover Period Repeat Period E-mail Address
Scheduled Report 13 18:01:08 20/07/2015 Days 1 Days 1 Days 1	Scheduled Report 14 18:13:29 20/07/2015 18:13:29 17/05/2016 Days 1 Days 1
• 🖉 🕸	
Name First Report Next Report Cover PeriodRepeat PeriodE-mail Address	s Name First Report Next Report Cover Period Repeat Period E-mail Address
Scheduled Report 15 16:29:24 22/07/2015 Days 1 Days 1	Scheduled Report 16 13:59:11 13/08/2015 13:59:11 18/05/2016 Days 1 Days 1
• 🖉 🕸	
Name First Report Next Report Cover Period Repeat Period E-mail Address	s Name First Report Next Report Cover Period Repeat Period E-mail Address
Scheduled Report 17 10:44:19 24/09/2015 10:44:19 18/05/2016 Days 1 Days 1	Scheduled Report 18 17:56:36 23/10/2015 17:56:36 17/05/2016 Days 1 Days 1
• 🖉 🕸	
Name First Report Next Report Cover Period Repeat Period E-mail Address	s Name First Report Next Report Cover Period Repeat Period E-mail Address
Scheduled Report 19 12:15:29 04/11/2015 Dave 1 Dave 1	Scheduled Report 215:48:06 26/08/2014 Dave 1 Dave 1

Currently scheduled reports can be enabled, disabled or edited.

To schedule a new report, first give it a name which describes the contents and is different to any existing report names.

Select the type of report (Skillset, Agent or Agent Login) and select which Skillsets or Agents are to be covered in the report (All, One or Multiple) then select the layout type (Summary data, Snapshot all raw data or both).

Select the data elements for inclusion in the report by drawing a box with your cursor to select items, or holding down the Ctrl key to make multiple non-adjacent selections. Selected items have a darker background.

Skillset/Agent Report Skillset/Agent Report · Skillset Edit Summary/Detailed Both

Name 🗸	Scheduled Repo	ort31
First Report	Time: 16 🗍 HH 34	MM Date: 17/05/2016
Cover Period	Unit Days 🔹	Value 1
Sepeat Period	Unit Days 🔹	Value 1
E-mail Address		

#### Skillset/Agent Report : Output Columns

Draw a box with your cursor to select items. Hold down the Ctrl key to make multiple nonadjacent selections. Selected items have a grey background.

Total Calls
Ringing Answered Threshold [#]
Ringing Answered Threshold [%]
Av. Ring Length (Answered Calls)
Longest Ring (Answered Calls)
Connected Duration Threshold [#]
Connected Duration Threshold [%]
Answered Calls
Av. Call Length
Longest Call
Last Call ( Answered Calls )
Abandoned Ringing Threshold [#]
Abandoned Ringing Threshold [%]
Abandoned Calls
Av. Ring Length ( Abandoned Calls )
Longest Ring ( Abandoned Calls )
Last Call ( Abandoned Calls )
Voicemail Calls (Answered Calls)
Voicemail Calls ( Abandoned Calls )
Forwarded Calls
Av. Calls in Q
Max Calls in Q
Av. Ring Length ( Queue )
Longest Ring (Queue)

You can assign the Time and Date this report should be first run (First Report), the Cover Period and a Repeat Period (this can be Hours, Days, weeks, Months or Years) for when it should be re-run.

Finally, define a destination Email address (you can enter multiple email address, each separated by a semicolon ;).

Click the green arrow to save and return to the overview page.

 $\checkmark$