



**The complete solution for call cost and
traffic accounting of digital PABXs
and IP telephony servers**

PRESENTATION

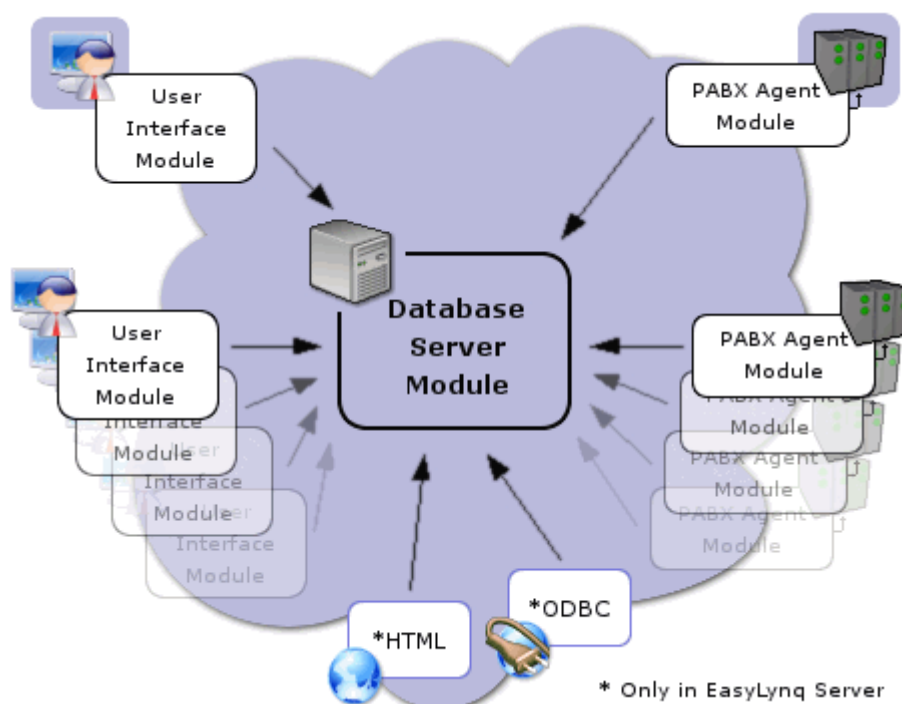
EasyLynq Office EasyLynq Server

*Two solutions tailored for small offices
and large enterprises*

EasyLynq is a centralized billing and accounting management solution, featuring a complete set of tools for the tracking of all calls across IP networks and traditional telephony networks, targeting small offices to large multi-branch global enterprises.

With a high reliability level, as witnessed by more than 15,000 customers worldwide, EasyLynq gives you the perfect tool for monitoring call traffic and cut operational costs. With its advanced query generator, it provides a unified and accurate view of your network communication costs and traffic.

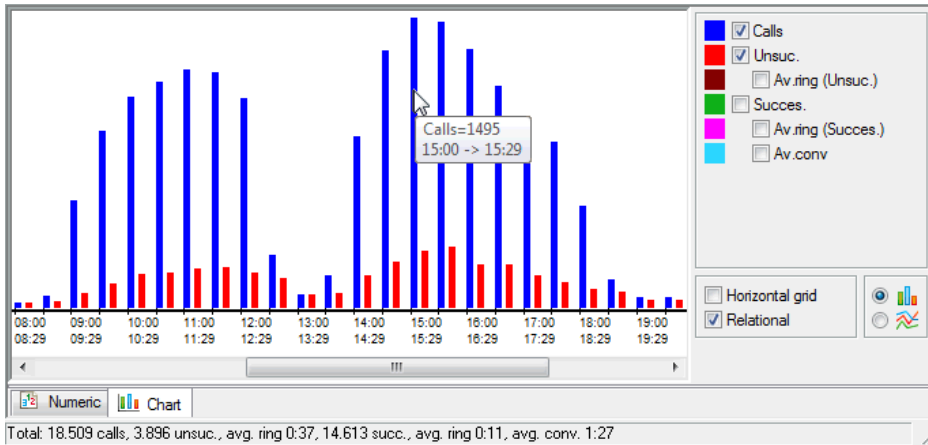
- Compatible with Windows XP / Server 2003 and more recent. Certified for Windows 7, 8, 10 and Server 2012, 2016, 2019, 32 and 64 bits.
- Fully scalable for any size enterprise, providing a unified view of network costs and traffic.
- Converged reporting for IP voice servers, traditional PBXs, routers and various communication devices.
- Centralized multi-indexed database, with ODBC connectivity option, featuring reduced information search time.
- Distributed architecture for optimized operation in either stand-alone or LAN/WAN environments.





EASYLYNQ OFFICE

- Powerful query generator provides up-to-the-minute customized reports and graphs.
- Automatic charge of residual costs of switchboard transferred calls.
- Specific call search, within any date range, using selectable filters (direction, success, time to answer, conversation, price, pulse count and outside subscriber).
- Unlimited cost centers number and nesting.
- System security ensured with pre-defined access privileges, enabling managers and users to access only their departments' information.
- User events history, with detailed data about every user operation that might affect system integrity.
- System events history contains all occurrences (abnormal interruptions, external data cables disconnecting, communication errors, etc.) that might interfere in system well-behaviour.
- Average storage of 2 million call records per each 1 GB of hard disk.
- Queries and reports, on printer or exported to text file, CSV file, Excel and XML.
- Integrated backup and restore procedures, using file compression.
- Real-time display of last 100 call records, allowing record selection for receipt print-out.
- Authorization codes up to 12 digits, charging each call to its user.
- Project accounts enable call charge according to remote subscriber or user's account code.
- Integrated on-line help and operation manual.
- Database re-indexing and recovery engine, featuring call cost recalculation.
- Multiple telecommunication operators and carriers, using pulse and/or duration charging.
- Records reorder available in every query, according to users' preferences and needs.
- Graphical representation of daily call distribution for cost centers and routes.
- System administration using drag-and-drop operations for easy-of-use configuration. Easy import of configuration from external Excel sheet.
- User-defined masks for remote subscriber numbers on call queries in order to keep confidentiality.



Daily distribution traffic Information, by cost center, route or node, in numeric and graphical formats.

Real-time detailed display of last 100 call records.

EasyLynq Server - [Last 100 calls]

Session View Operations Query Reports Maintenance Administration Window Help

Date/Time	Suc	Extension	Route	Rem. subscriber	Project	Ring	Convers	Price	Remarks
12-03-28 18:30		6132	PRI-0	227475479	LOCAIS	--	--	0,00	
12-03-28 18:30		6133	PRI-0	226199071	LOCAIS	0:18	8:06	6,20	R-OP30
12-03-28 18:30		6132	GSM-2	962565574	TMN	0:03	0:13	1,10	
12-03-28 18:30		6137	PRI-0	223703796	LOCAIS	0:05	7:57	8,60	
12-03-28 18:31		6132	PRI-0	227475479	LOCAIS	0:05	0:33	1,36	
12-03-28 18:31	✗	6132		4056		0:41	--	0,00	
12-03-28 18:32		6130	PRI-0	226076593	LOCAIS	0:06	1:05	0,00	
12-03-28 18:40		6143	PRI-0	234303069	LOCAIS	0:04	1:25	13,50	
12-03-28 18:41		6133	GSM-3	966617788	TMN	0:05	9:27	2,23	
12-03-28 18:42		4049	PRI-0		LOCAIS	0:31	0:19	0,00	
12-03-28 18:42	✗	6137	PRI-0	2276245	LOCAIS	0:16	--	0,00	
12-03-28 18:43		6149	PRI-0	223705048	LOCAIS	0:14	0:30	2,40	T-31
12-03-28 18:49		4032	PRI-0	226092387	LOCAIS	0:17	0:58	0,00	
12-03-28 18:50	✗	6133	GSM-2	934453812	OPTIMUS	0:11	--	0,00	
12-03-28 18:52		6133		4047		0:18	0:13	0,00	
12-03-28 18:56		6133	GSM-3	964000491	TMN	0:07	1:19	4,30	
12-03-28 18:59	✗	6133	GSM-3	937064426	OPTIMUS	0:21	--	0,00	
12-03-28 18:59		6133	GSM-2	937064426	OPTIMUS	0:06	0:40	2,00	R-966091614
12-03-28 19:02		6139	PRI-0	222081272	LOCAIS	0:07	1:01	0,00	
12-03-28 19:04		6131	GSM-3	962737415	TMN	0:03	0:22	0,00	
12-03-28 19:13	✗	6133	GSM-3	937064426	OPTIMUS	0:06	--	0,00	

1 selected record(s)

Product licensed to Eurofluxo

User: root

Time tariff

Tariff ID: Long distance

Description: Long distance calls

Free initial duration: 00:00 Suppress pulse info

Fixed charge: Count Units: 1, Cost per CU: 0.16000, Duration: 01:00

Prefixes: New: []

Step	Duration	Initial period		Intermediate period		Remaining period	
		Min CU	Sec./CU	Duration	Sec./CU	Sec./CU	Cost/min
0	00:00	0	0.000	03:00	60.0	1.000	0.06000
1	00:00	0	0.000	03:00	60.0	1.000	0.08500
2	00:00	0	0.000	03:00	60.0	1.000	0.12000
3	00:00	0	0.000	00:00	0.000	0.000	0.00000

Time stepping

24 hours


Workday	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Saturday	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Sunday	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Holiday	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

Options [v]





OK Cancel

Time tariffs, fully adapted to telecom operators' complex pricing, allow accounting over private links and GSM devices.

EASYLYNQ SERVER



The database, with its unsurpassed performance and providing ODBC connectivity, achieves highly reduced access and search times. Its storage capacity is nearly 2 million records per each 1 GB and virtually unlimited (10^{12} records per month).

-  **SNMP notifications** for network administration systems: immediate fault detection and other events.
-  **LDAP connectivity:** for Active Directory systems and synchronized configuration on EasyLynq.
-  **Budget management:** by user and by department, enables detection of phone misuse.
-  **Internal calls accounting,** capable of real-time traffic display and circuit occupation.

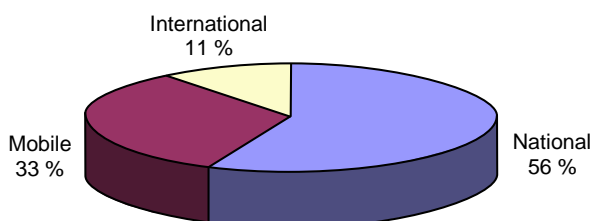
Report type: Departments
 Period: 2007-01-01 -> 2007-01-31
 Profile: Monthly, All Cost Centers

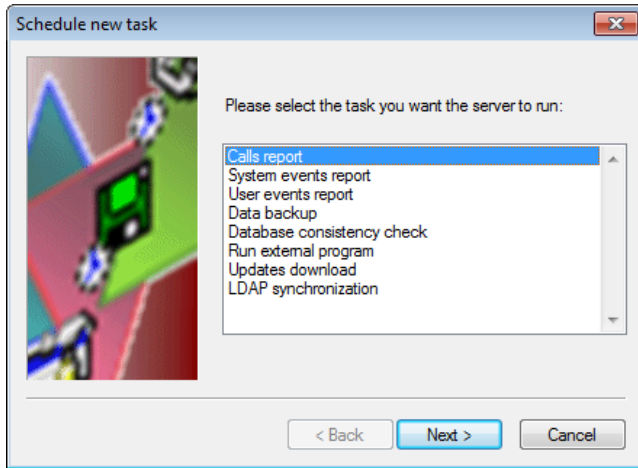
Department	Destinations	Calls	Convers.	Cost (EUR)	%
Comercial	National	300	18:25:47	12723.19	5.00
	Mobile	88	02:44:44	8152.48	3.21
	International	41	02:10:18	7034.06	2.77
	Total	429	23:20:49	27909.73	10.98
Marketing	National	3026	127:37:04	65225.89	25.65
	Mobile	937	27:06:17	46033.79	18.10
	International	161	06:58:02	14880.58	5.85
	Total	4130	161:44:58	126293.85	49.67
Technical support	National	1682	172:59:15	65841.24	25.89
	Mobile	293	11:21:40	28465.35	11.19
	International	60	03:01:50	4981.22	1.96
	Total	2041	188:17:18	100078.18	39.36
Total	National	5008	319:02:06	143790.32	56.55
	Mobile	1318	41:12:41	82651.62	32.50
	International	262	12:10:10	26895.86	10.58
	Total	6600	373:23:05	254281.76	100.00

EasyLynq enables the users to access their accounting data and produce department and personal reports, without any special training.

Automatic scheduled tasks provide a convenient way to distribute reports, either printed or sent by e-mail.

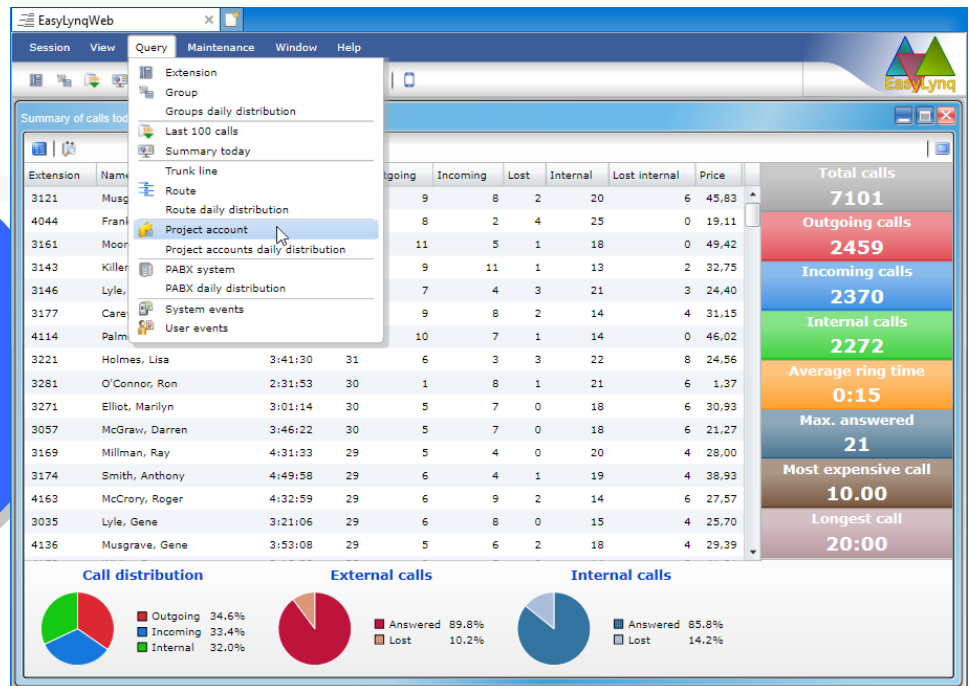
Cost distribution





Automatic tasks will let users spend less of their valuable time producing reports or executing other regular procedures.

The web interface, powerful and easy to use, gives the users the perfect tool to generate their own reports, anytime and anywhere. All reports can be exported to Excel, Acrobat and XML.



Extension	Name	Time	Outgoing	Incoming	Lost	Internal	Lost internal	Price	
3121	Musc		9	8	2	20	6	45,83	
4044	Frank		8	2	4	25	0	19,11	
3161	Moore		11	5	1	18	0	49,42	
3143	Killer		9	11	1	13	2	32,75	
3146	Lyle, Gene		7	4	3	21	3	24,40	
3177	Care		9	8	2	14	4	31,15	
4114	Palm		10	7	1	14	0	46,02	
3221	Holmes, Lisa	3:41:30	31	6	3	22	8	24,56	
3281	O'Connor, Ron	2:31:53	30	1	8	1	21	6	1,37
3271	Elliot, Marilyn	3:01:14	30	5	7	0	18	6	30,93
3057	McGraw, Darren	3:46:22	30	5	7	0	18	6	21,27
3169	Millman, Ray	4:31:33	29	5	4	0	20	4	28,00
3174	Smith, Anthony	4:49:58	29	6	4	1	19	4	38,93
4163	McCorry, Roger	4:32:59	29	6	9	2	14	6	27,57
3035	Lyle, Gene	3:21:06	29	6	8	0	15	4	25,70
4136	Musgrave, Gene	3:53:08	29	5	6	2	18	4	29,39

Total calls
7101

Outgoing calls
2459

Incoming calls
2370

Internal calls
2272


Average ring time
0:15

Max. answered
21


Most expensive call
10.00

Longest call
20:00


Call distribution

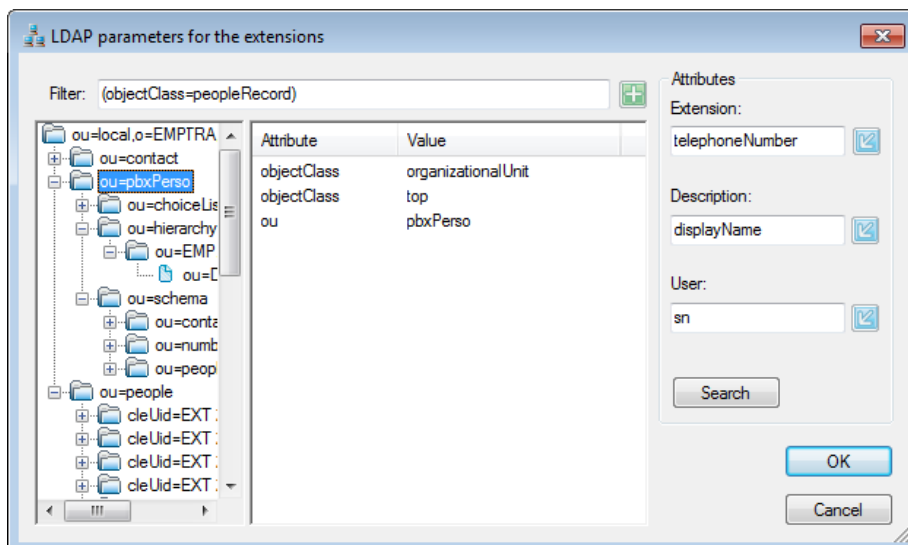


External calls



Internal calls



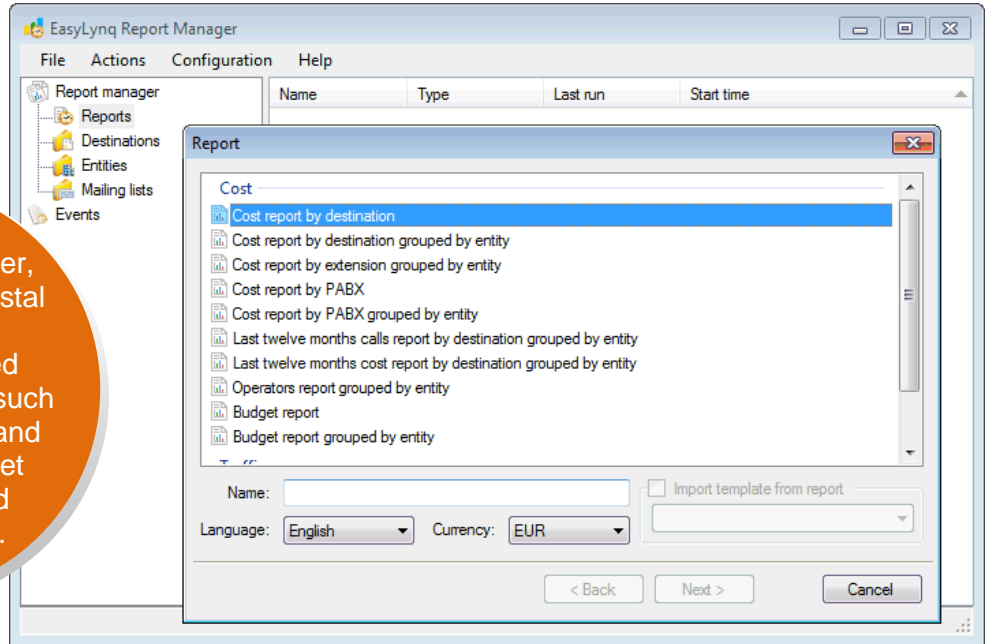


Connectivity to NM systems, such as Active Directory, allows automatic synchronization of the EasyLynq configuration.

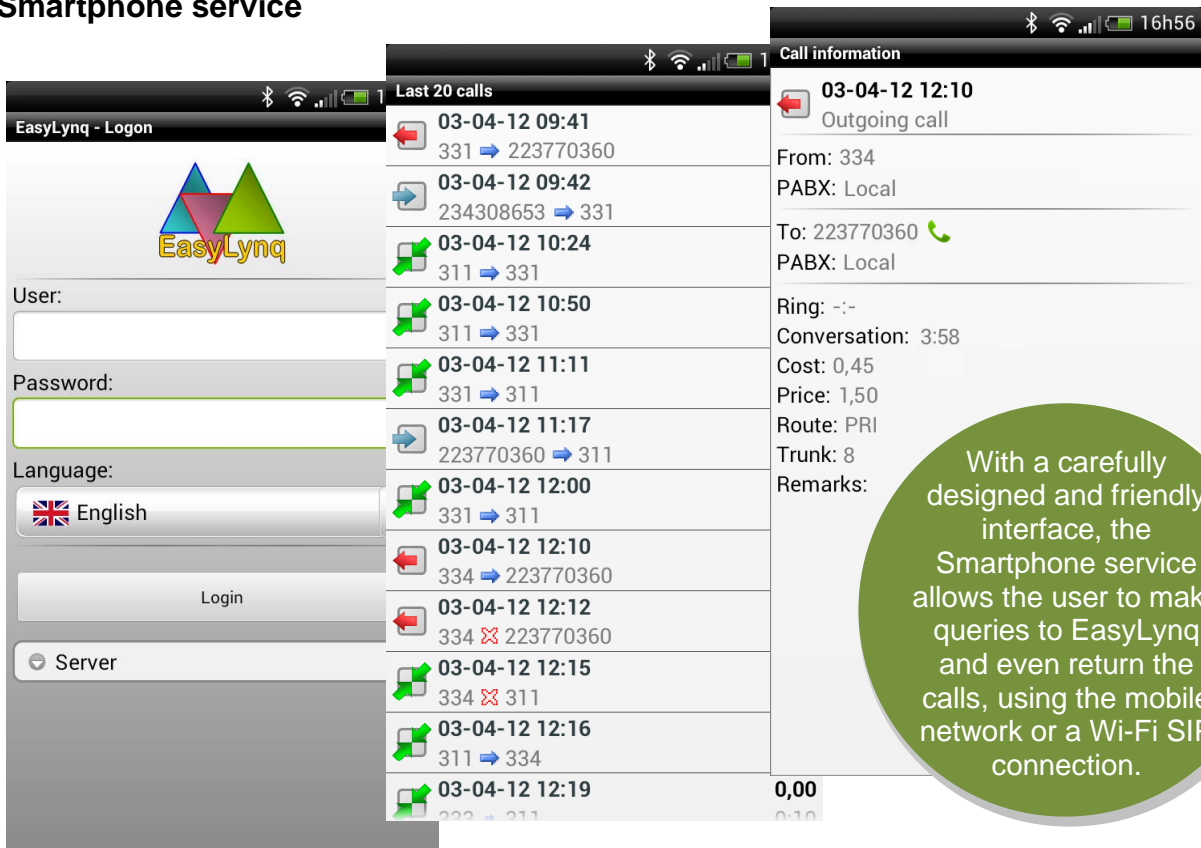
Optional features of EasyLynq Server and Hotel+

Report Manager (Enterprise Services)

The Report Manager, powered by the Crystal Reports engine, provides advanced corporate reporting such as cost simulation and comparison, budget management and annual evolution.



Smartphone service



With a carefully designed and friendly interface, the Smartphone service allows the user to make queries to EasyLynq and even return the calls, using the mobile network or a Wi-Fi SIP connection.



EASYLYNQ HOTEL

EasyLynq Hotel /r
EasyLynq Hotel
EasyLynq Hotel+

Three solutions for call, internet and voice-mail management in the hospitality industry

With the same key advantages of the enterprise solution, EasyLynq Hotel additionally provides a wide range of features targeting the hospitality industry:

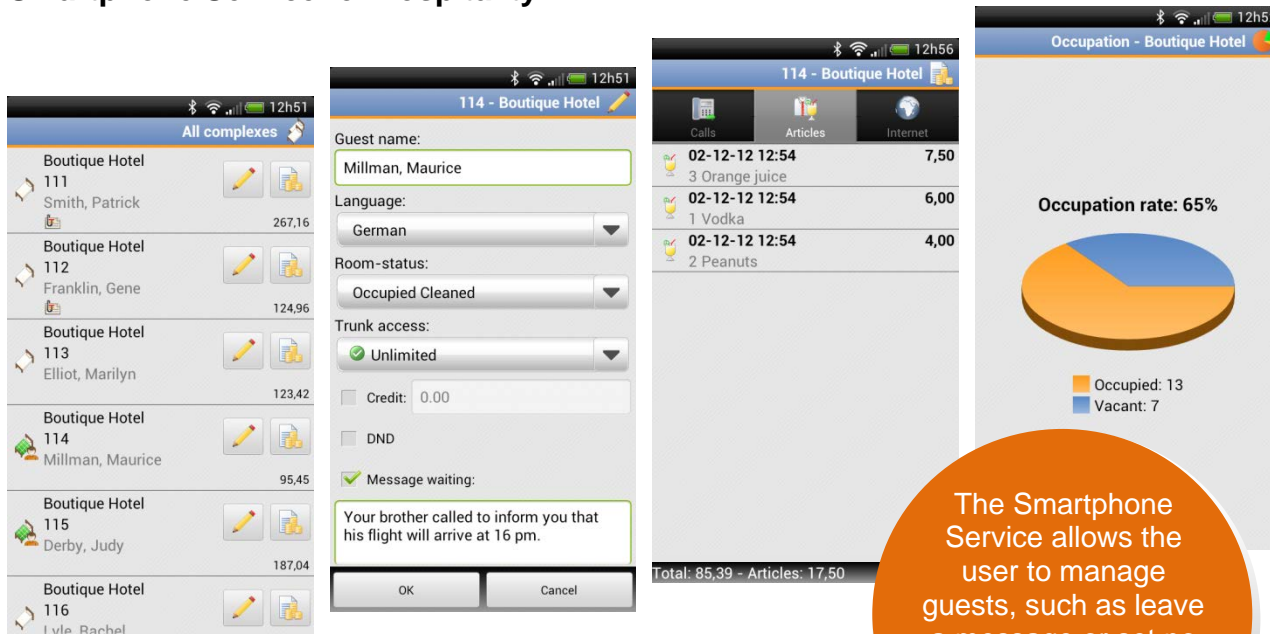
- Multi-complex option for centralized management of several properties.
- Room-status entry by the maid allows immediate update of rooms availability.
- Compatible with most Property Management Systems: Fidelio*, Protel, SIHOT, NewHotel, Brilliant, HotelConcepts, Medallion, Host, NHS, Visual One, etc.
- Configurable classes of service restrict the outward access from rooms and phone booths to public network.
- Interoperability with a wide range of in-room and wireless internet access equipments (optional).
- Eight spoken/written languages: English, French, German, Dutch, Portuguese, Spanish, Italian and Brazilian (optional).
- Guest's name in the display of phone sets.
- Do Not Disturb service.
- Credit limit assignment, either manual or automatic.
- Automatic open/close of guest's voice mailbox on check-in/out.
- Message Waiting feature, signaling voice mail and front-desk messages in the room phone.
- Full wake-up service: Programming, either through the phone display or guided by an interactive voice response system (optional). Answer control, triggering visual and sound alerts in case of failure.
- Minibar and laundry posting on the room phone by authorized personnel.

* EasyLynq Hotel certified by Micros/Fidelio for versions 6, Suite 7, Suite 8 and Opera (Fidelio Part-No: 5001-309)

Optional features of EasyLynq Hotel+



Smartphone Service for hospitality



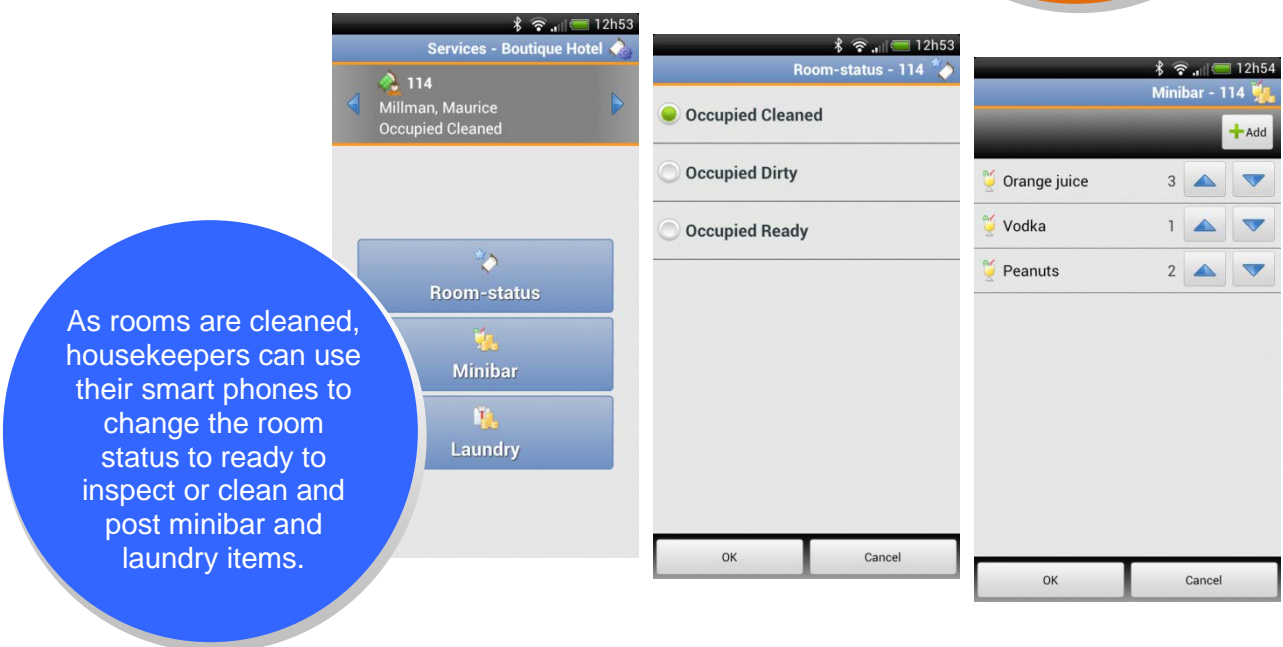
Occupation - Boutique Hotel

Occupation rate: 65%

Occupied: 13
Vacant: 7

The Smartphone Service allows the user to manage guests, such as leave a message or set no disturb feature, and query their accounts and statuses.

Housekeeping Smartphone functions



Services - Boutique Hotel

114
Millman, Maurice
Occupied Cleaned

Room-status - 114

Occupied Cleaned
Occupied Dirty
Occupied Ready

Minibar - 114

Orange juice 3
Vodka 1
Peanuts 2

As rooms are cleaned, housekeepers can use their smart phones to change the room status to ready to inspect or clean and post minibar and laundry items.

Smartphone Contacts List Update

This useful module allows the contacts list to be kept fully synchronized with the guests list of the Property Management System. This feature is especially useful in large properties where a good coverage of DECT/IP phones is difficult to achieve.