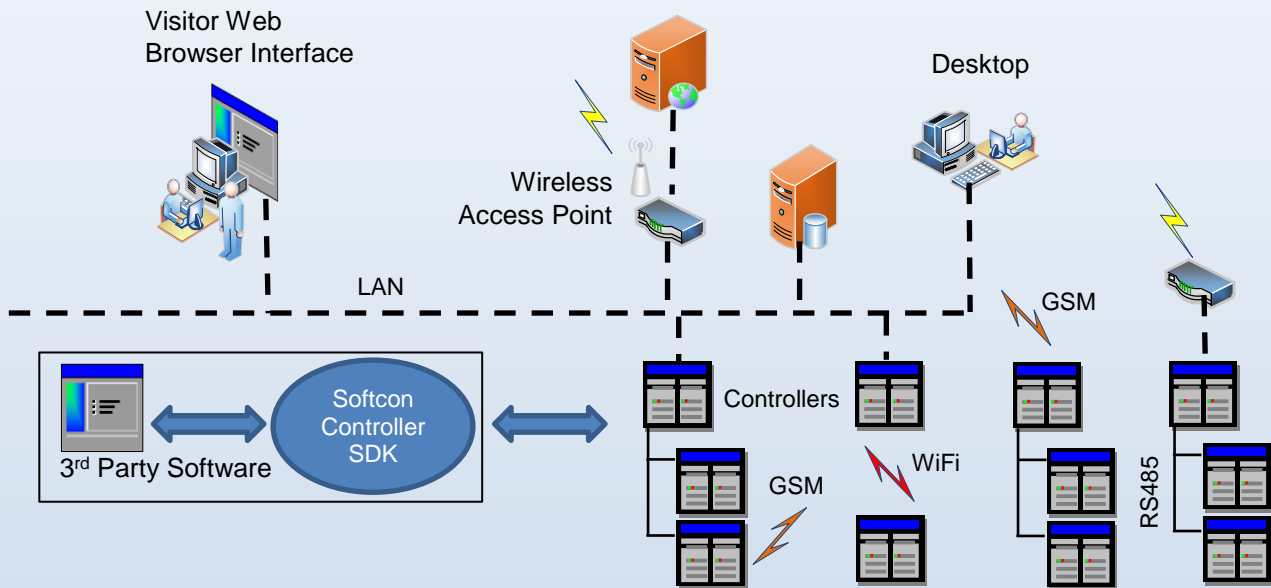


On-Line Systems



Softcon controllers function as stand-alone panels, receiving setup and card data from central "on-line" systems.

Controller monitor externally connected readers, inputs (sensors), equipment and internal timers, counters and databases. Changes or lack of changes (events) and current statuses of card database (Db), inputs/outputs (I/O), timers, counters and time of day, results in new events - control of outputs, changes to Db, start/stop of timers and changes to counters. The number of I/O, readers, database and event buffer sizes, etc. are controller type and setting dependent.

Controller events are selectively reported to the external systems.

The central systems set and configure the control panels and send control commands to the controllers. Events are reported by controllers – as it occurs on-line, or buffered and reported when communication connected. Events are date and time stamped.

A Software Development Kit (SDK) is available for 3rd party system integration.

The Softcon SoftWin3 central system uses the SDK to integrate with Softcon controllers – setting and controlling all applications and functions in the controllers. Events reported by controllers are logged, displayed and could result in setting and data changes (to counters, timers, databases) and generation of new events (sending of SMSs, reports, emails, changes to controller data and outputs, etc.).

SoftWin3 has numerous reports on settings, statuses and events, with sub- and grand totals on report periods, for departments, cards, inputs, vending, etc.

APPLICATIONS

- Access control
- Asset management
- Bootloader – Controller FW update
- Cash Add
- Card Access – zone display
- Card maker
- Converters – Add, remove areas / zones, dB cleanup
- Data distribution. Sync dB, log and photos
- External system links via:
 - Files
 - dB exchange tables
 - on-line interface (TCP)
- Parking point of sale (PPOS)
- Point of sale (POS)
- Reports, Email, SMS
- Time accumulation
- Vending:
 - Dispensers
 - Access vend control
 - Input to output vend
 - Cash loaders
- Visitor control

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SoftWin3

REAL-TIME EVENT DRIVEN

- Generated by HW, system (event triggers events), operators, counters, timers, external systems
- Triggers to counters, timers, audio files and displays, transfer data to external systems
- Generate emails, SMS and reports
- Start programs, run reports, batch files / scripts
- Changes setting, card profiles
- Logging and printing setup for statuses (e.g. when in alarm) and on active time group (e.g. after hours)

LIST DISPLAYS

- Activity list displays with filters (type, event, tgroup), status colours and display PCs

GRAPHICAL DISPLAYS

- Animated graphical drawings with status linked icons
- Alarm flashing until accepted
- Multiple drawings, alarm on top window
- Drawing interlink selection buttons
- Buttons / icons generate events, run programs, batch files or scripts
- Display and edit database items and counters
- Data and photos display linked cards presented at readers
- Editable library of icon and WYSIWIG creation tools:
 - font, rotation, attributes, align / spacing, multi-copy/paste

MESSAGE DISPLAYS, OCCURANCE LOG

- Events open preformatted .RTF files (alarm info and instructions)
- Auto insertion of time of event, item name and level
- Real-time editing log book is stored to a daily .RTF log file

AUDIO WAVE FILES

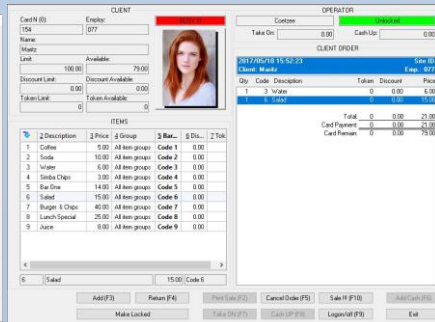
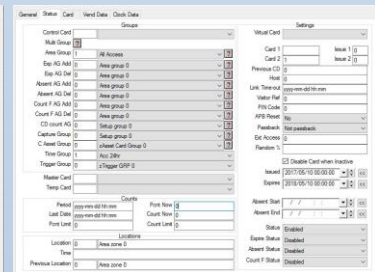
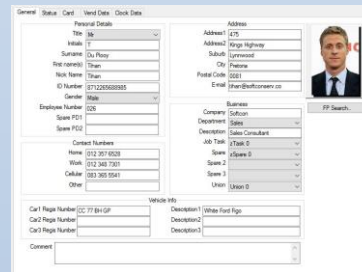
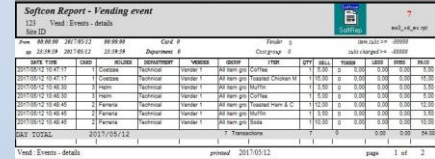
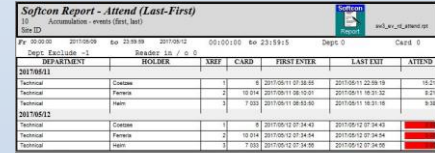
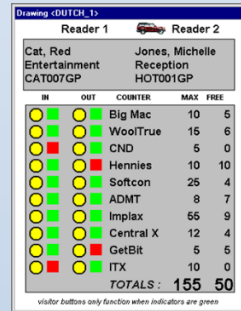
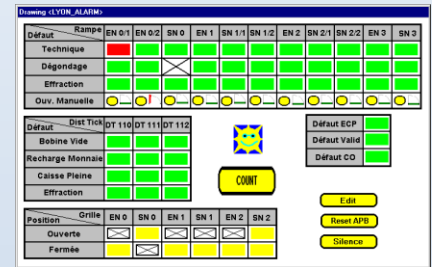
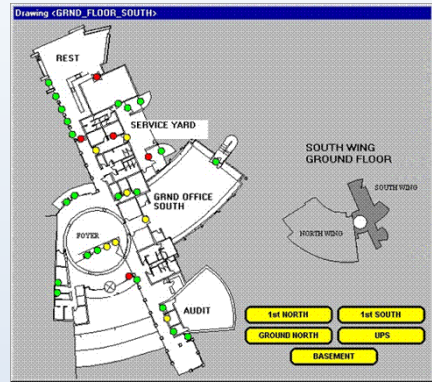
- Events trigger pre-recorded wave files

OPERATOR INTERFACE

- Multi-Security operator levels
- View and edit setting, windows size and position per operator
- Logon expiry, auto-logout
- Audit trails – log of when, by whom, data changed from, to
- Language support
- Pop-up and detailed help
- Copy / paste, date/time tools
- Creatable display lists with filters and sort, fonts, status colour
- Property sheets with mandatory fields
- Batch search and load
- Data scan via serial or USB card / finger / barcode / scanners and readers

TIME IN ATTENDANCE ACCUMULATION

- Access readers set as clock in and clock out readers
- Day, week and month totals



Date/Time	Type	Description	Status	Card	Card number	Employ	Holder	V Name
2017/05/12 08:42:52	Controller	Breathalyzer	Off line	0				
2017/05/12 08:46:53	Controller	CR391	On line	0				
2017/05/12 08:47:53	Controller	Breathalyzer	Off line	0				
2017/05/12 08:43:17	Input	CR_01_AC_1	Level changed	2	7033	eEmploy 002	Capture Card	Not opened
2017/05/12 08:43:17	System	Comec-PC	Buzzer on	1	10014	eEmploy 001	Admin Card	Closed
2017/05/12 08:43:17	Input	CR_01_AC_1	Level changed	0				Closed
2017/05/12 08:43:17	Input	CR_01_AC_1	Level changed	0				Open
2017/05/12 08:43:41	Reader	Front Door Entrance	Access granted	1	10014	eEmploy 001	Admin Card	Closed
2017/05/12 08:43:42	Input	CR_01_AC_1	Level changed	0				Closed
2017/05/12 08:43:57	System	Comec-PC	Buzzer on	1	10014	eEmploy 001	Admin Card	Illegal Open
2017/05/12 08:43:59	System	Comec-PC	Buzzer off	1	10014	eEmploy 001	Admin Card	Closed
2017/05/12 08:44:02	System	Comec-PC	Buzzer off	1	10014	eEmploy 001	Admin Card	Closed
2017/05/12 08:44:17	Input	CR_01 Capture 2	Level changed	0				Capture
2017/05/12 08:44:19	Input	CR_01 Capture 2	Level changed	0				None
2017/05/12 08:44:31	Input	CR_01 Capture 2	Level changed	0				Capture
2017/05/12 08:44:31	Reader	Front Door Exit	Capture	2	7033	eEmploy 002	Capture Card	Comec-PC

Date/Time	Type	Description	Status	Card	Card number	Employ	Holder	V Name
2017/05/12 08:47:04	Reader	Front Door Entrance	Access granted	2	10014	eEmploy 001	Admin Card	
2017/05/12 08:47:07	Reader	Front Door Entrance	Access granted	1	7033	eEmploy 002	Capture Card	
2017/05/12 08:47:09	Reader	Front Door Entrance	Access granted	1	10014	eEmploy 001	Admin Card	
2017/05/12 08:47:10	Reader	Front Door Entrance	Access granted	2	7033	eEmploy 002	Capture Card	
2017/05/12 08:47:13	Input	CR_01_PR_1	Level changed	0				Push
2017/05/12 08:47:13	Input	CR_01_PR_1	Level changed	0				Normal
2017/05/12 08:47:25	Reader	Front Door Entrance	Access granted	2	7033	eEmploy 002	Capture Card	
2017/05/12 08:47:25	Reader	Front Door Entrance	Access granted	1	10014	eEmploy 001	Admin Card	
2017/05/12 08:47:57	Reader	Front Door Entrance	Not found	0				
2017/05/12 08:47:57	Reader	Front Door Entrance	Card disabled	3	0	eEmploy 003	cCard 003	
2017/05/12 08:49:57	System	Comec-PC	Buzzer on	1	10014	eEmploy 001	Admin Card	
2017/05/12 08:49:59	System	Comec-PC	Buzzer off	1	10014	eEmploy 001	Admin Card	
2017/05/12 08:49:19	Reader	Front Door Entrance	Out-of-area	3	0	eEmploy 003	cCard 003	
2017/05/12 08:49:34	System	Comec-PC	Buzzer on	1	10014	eEmploy 001	Admin Card	
2017/05/12 08:49:43	Reader	Front Door Entrance	Out-of-time	1	0	eEmploy 001	cCard 003	
2017/05/12 08:49:43	System	Comec-PC	Buzzer on	1	10014	eEmploy 001	Admin Card	
2017/05/12 08:49:43	Reader	Front Door Entrance	Access granted	1	10014	eEmploy 001	Admin Card	
2017/05/12 08:49:46	Reader	Front Door Entrance	Access granted	2	7033	eEmploy 002	Capture Card	

