

Central Control Visualisation by Commend



COMWIN 5 is the custom made Graphical User Interface for Intercom projects.



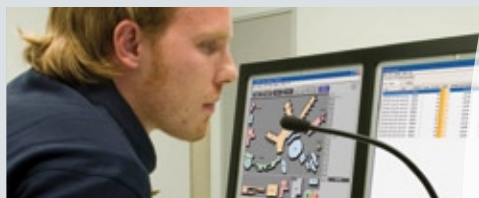
With COMWIN 5 users effectively have an overview of all the processes in the Intercom System.

In all applications where keyboard systems alone are unsatisfactory, COMWIN provides an overview and clearly structured data.

With its powerful functions it lets you keep your eye on the ball and facilitates decisions in critical situations as well as emergencies.

FEATURES AND BENEFITS

- Multi-screen Operation for Better Overview
- Actions and Summary Windows
- State of the Art Client-Server Architecture
- Configuration Sets for flexible Rights Management
- Quick and Convenient Generation of Interactive Symbols
- Versatile Visualisation and Alerting
- Comprehensive Icon Library
- Runs on any commercially available PC (Windows XP® Pro)
- Reporting Support and Password-protected Protocol Tables
- Scheduling of Intercom Functions
- Integration of several established Video-over-IP Solutions
- SDK (Software Development Kit) for Customer Applications
- Flexible Licensing Scheme



Speech, Images, Data – everything under control



The ideal operating platform for Intercom



SECURITY AND COMMUNICATION

The interactive Graphical User Interface.

COMWIN VERSION 5

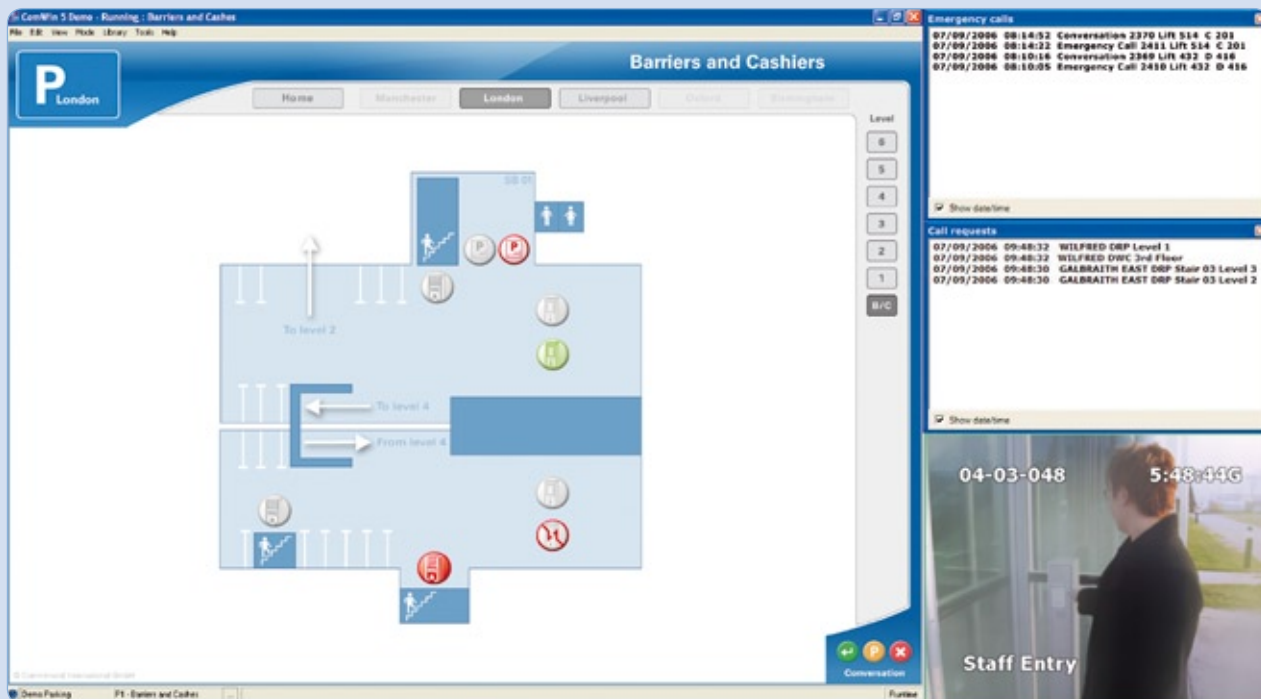
COMWIN 5 is the new generation of visualisation software for control desks in a client-server structure. All control desk functions of the Intercom Systems are displayed on one or multiple monitors. Interactive icons represent calls, error or alarm messages and change

their look depending on the requirements. In additional windows it is possible to display measure plans, help texts or logging information and much more. Additionally it is possible to send an e-mail on defined events.

COMWIN 5 User Interface

User interfaces, individually designed to match customer specifications, provide clear structures and the overview required. Users

effectively remain in control of all processes within the Intercom System at all times.



General Features

- Various visualisation mechanisms for focusing the attention on events: icon change, blinking, tone signals, display of overview via summary windows.
- Convenient navigation via plan levels.
- Measure plans as check-lists and information for the operating personnel.
- Possibility to define mandatory user acknowledgements at icon activation.
- Notification of events via e-mail.
- Multi-monitor support.

User authorisation

- Multiple users with different

authorization rights.

- Access to configuration sets, groups and authorisations depending on the rights.
- Operating language can be set per user.

Configuration Sets – Locations

- The configuration sets include locations with the according plans and icons.
- Depending on the user rights, it is possible to access certain configuration sets.
- The plans are assigned to locations. To each location (e.g. car park) multiple plans can be assigned (e.g. park decks).
- It is possible to grant the user access to the entire location, or only a part of it.

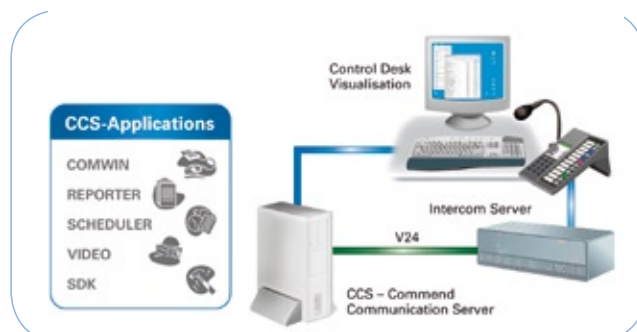
Integration of video

- Main monitors, preview monitors, video scanning.
- Automatic video display to preview monitors at call requests.
- Automatic video display to main monitor at conversations.
- Video formats: Axis, VCS, HTML. Additional Video-over-IP formats on demand.

The Versatile COMWIN 5 Platform.

COMMEND COMMUNICATION SERVER

Commend Communication Server is the central software platform providing to application development the infrastructure for all kinds of solutions in the areas of security and communication. State of the art software design assures comfortable access to the Intercom System with all its Intercom Terminals, contacts and inputs. Via gateways, distributed adapters provide opportunity to integrate interfaces to all parts of building automation.



Flexibly adaptable to any project size.

COMWIN 5 LICENCES

For single location licences, complete software (incl. CCS) is installed on a PC including all plans, icons and installation. All desk system functions of the Intercom System are displayed on one or on several screens. In network versions a Commend Communication Server

(CCS) is connected to the Intercom Server in which various users (clients) can use the saved plans and icons via the IP network. Projects are centrally coordinated.

COMWIN 5 Licences

WORKPLACE SOLUTION

COMWIN-L. COMWIN Light is for up to 100 icons, 10 plans.

COMWIN-W. COMWIN workstation: stand alone version for more demanding applications, including 1,000 icons, unlimited plan levels. Can be extended to COMWIN-5.

NETWORK SOLUTION

COMWIN-N. COMWIN Net: Client server version for multi-station desk systems also in remote places, including 2 clients and 1,000 icons, unlimited plan levels. Can be extended to COMWIN-5 and COMWIN-C.

COMWIN-C. Extension as an additional client for COMWIN-N.

COMWIN-B. Back-up CCS with particularly high specification used for breakdown security in the system.

EXTENSIONS

COMWIN-5. Provides 500 additional icons for COMWIN-W or COMWIN-N.



Versatile Software Tools as the Perfect Supplement to COMWIN.

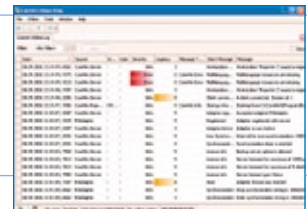
CCS LICENCES

The CCS Licenses Scheduler, Reporter, ComVideo and SDK are available separately. They open the path into a new dimension of the use of Security and Communication Systems. In standardized reporting, scheduled automation of intercom functionality, video

integration and the development of professional custom COMWIN applications, possibilities are nearly boundless.

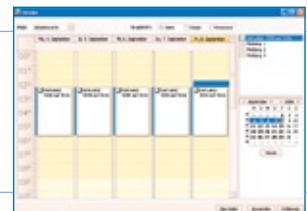
COMRPT

Reporter Tool: 2 GB data, programmed reports by email in .PDF, .XLS, Word or Bitmap format (bmp, jpg, gif, ...). Telephone book functionality for intercom call numbers from CCT for protocol converter to Comwin user accounts.



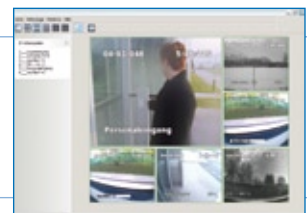
COMSCH

Scheduler Tool: automatic programming of intercom functions, programmes and batch files at operation system levels, individual programmes and programming, timer function.



COMVID

Video Tool: the importing of many current Video over IP sources with special features e.g. manual video switching, remote video switching, video scanning, etc. Licences available for 16, 32 or an unlimited number of IP video sources.



COMSDK

(Software Development Kit) based on .NET for made to measure COMWIN solutions, e.g. the importing of other systems or the development of special applications.

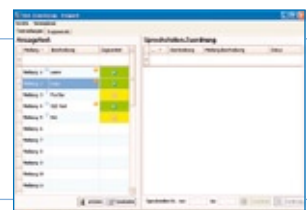


Illustration picture

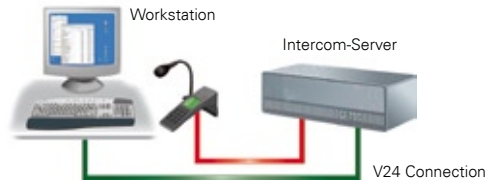
The COMWIN System Structure.

COMWIN ARCHITECTURE

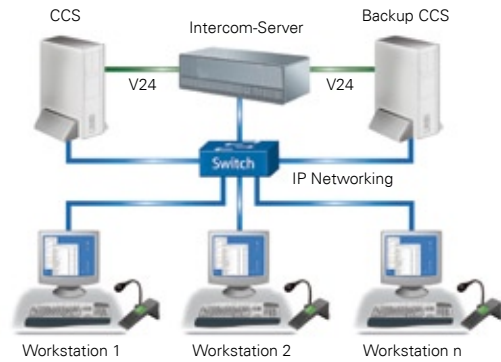
With an open system architecture, COMWIN is the contemporary solution for integration and structuring of processes relevant to security and communication. From a single workstation system to large-scale network solutions, additional operator stations and functionality can be added to COMWIN step by step. The emphasis lies on stability and fail-safety. The basis for this is the Commend Communication Server

with its applications and failover scenarios. The flexible upgradeability of COMWIN allows for commercially viable application in small and mid-sized projects as well as large corporate solutions.

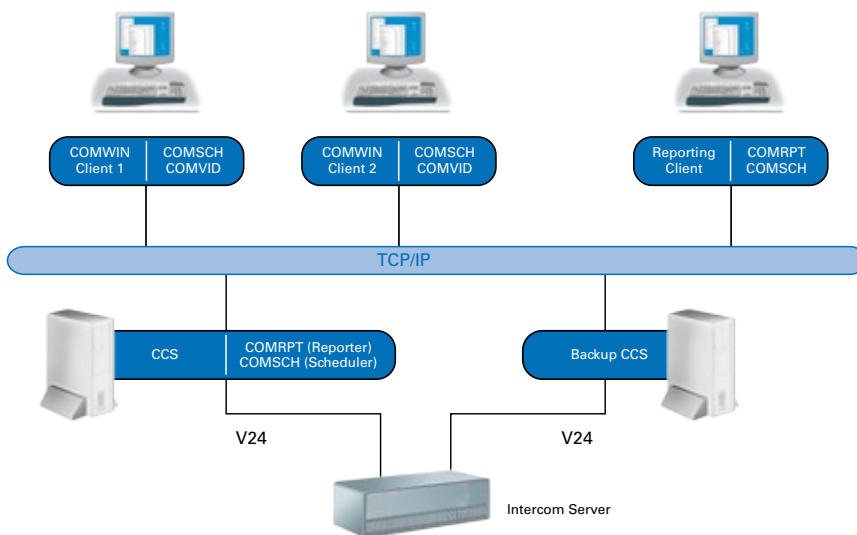
COMWIN System Overview



Connecting to a work station: In the intercom server the PC is connected via the V24 interface card. The Intercom terminal requires a subscriber card.



Client Server Networking: COMWIN clients communicate with the CCS via the network. This is connected to the intercom server via the V24 interface card.



CCS Applications in COMWIN Networks:

Comprehensive reports, scheduled automation, integration of video or the development of custom applications – the basis and central software platform for this is the COMMEND Communication Server (CCS), providing the infrastructure for all kinds of solutions in the areas of security and communication. Via this platform, the Intercom System with all its terminals, contacts and inputs is fully integrated.

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SECURITY AND COMMUNICATION