

[REFERENCE CASE]

Plattform: Ascom openAccess

Customer: Swiss Army

Solution: MELEIS



MELEIS PEACE SUPPORT CAMPS - MULTIMEDIA, CONTROL AND COMMUNICATIONS

ASCOM OPENACCESS MULTIMEDIA, CONTROL AND COMMUNICATIONS SYSTEM

Container Camps operate like self-sufficient villages, with every facility from water treatment and power generation to sanitation disposal. The structure provides offices, workshops and sleeping quarters along with laundry rooms and post services. Container camps also used at remote construction sites and oil fields have proven practical for United Nations Peace Support Operations and other international military deployments. The 'pre-packaged, ready-to-go' modular (Lego) concept can be set up quickly and expanded easily at any time.

Equally important to these physical considerations is the integral control, surveillance and communication system central to internal security, facilities maintenance and mission support. As a leader in the development of open tactical military network components, Ascom dynamic technologies in control, security, and communication also provide new approaches for systems destined for Peace Support container camps.

Acknowledged valued supplier, the Swiss army contracted with Ascom for the development of a multi-purpose C3 communications and control system to be deployed in their Peace Support Operation Camps around the world.

The term 'Peace Support operations' takes its root from what the United Nations originally referred to as peacekeeping. Over time, however, it became clear that there are many stages of managing conflict, hence the introduction of the term peace support operation. Switzerland, for example, is not a member of NATO yet plays a considerable Peace Support role in conflict resolution along with its commitment to international disaster relief. Hundreds of Swiss are actively involved in various assignments in over twenty countries around the world, including hot-spots like Middle East, Korea and Kosovo.

SWISSCOY

In 1999 the federal council decided that Switzerland should participate with military means in the Kosovo force KFOR. Known as SWISSCOY for Swiss company it was and still is the largest contingent Swiss force with 220 peace-support volunteers from the national armed forces. The commitment was not an isolated measure, but part of an entire package in which Switzerland could address the acute problem of refugees and displaced persons, to ensure immediate aid in Kosovo and to help stabilize the region. Swiss parliament has set the mandate until the end of 2011.

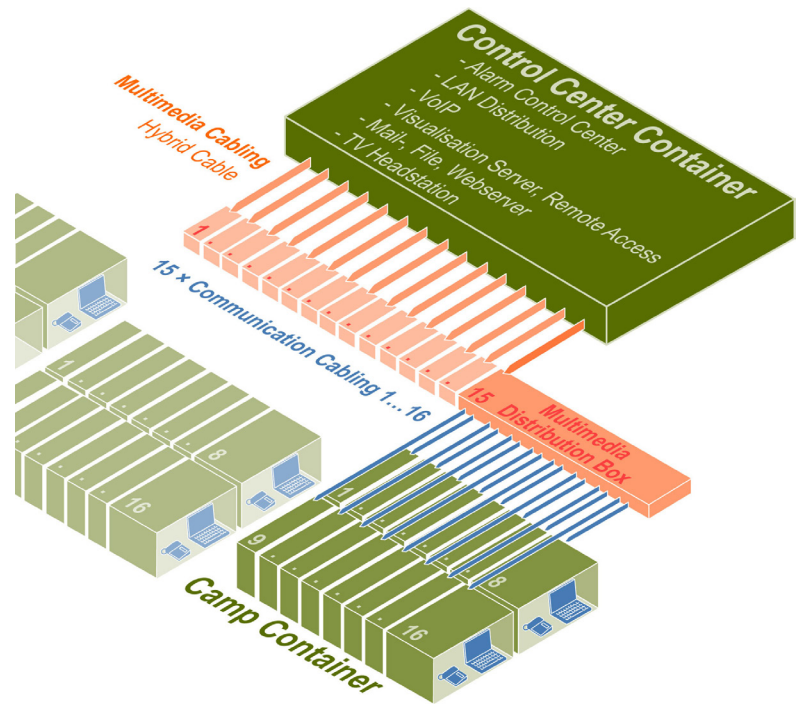
MELEIS

MELEIS is an advanced multimedia, control and communications system designed by Ascom for use in SWISSCOY container camps intended for deployment in international hot spots. The container camps which provide personnel housing for participating Swiss and foreign troops as well as UN military observers rely on the MELEIS security and management support systems to monitor perimeters and facilities, thus assisting in maintaining safety of all resident staff and UN visitors. The system is also the center for a wide range of communication functions.

MELEIS centers and automates all control, surveillance and communications tasks associated within a modern day container camp outfitted for peace support operations. The system satisfies a multitude of operational requirements in terms of structure, operation and maintenance including the following technical disciplines:

- Hazard alarms for fire, intrusion and technical malfunctions
- Centralized video surveillance of camp and perimeter.
- TV network with satellite links
- Public Announcement
- LAN with internet, FAX and other server services
- Internal IP telephone system with gateways to public wide area networks

Comprehensive monitoring and event logging is automated and covers system fault reports and alarms as well as room and door lock surveillance, lighting control, and fire alerts. A MELEIS system incorporates remote diagnosis capabilities and includes provisions that allow rapid adjusts to changing communication or control requirements once installed.



Future

With a track record of reliability, MELEIS is now recognized as an invaluable multimedia, control and communications foundation. Ready for further Swiss Army activities in the growing segment of peace support missions with 'Camp' bases, MELEIS has confirmed to be cost effective throughout the system's service life.

ABOUT ASCOM

Ascom is an international provider of Mission-Critical Communication solutions. The company focuses on the areas of Wireless Solutions (high-value, customer-specific on-site communication solutions), Network Testing (a global leader in testing and optimization solutions for mobile networks) as well as Security Communication (secure, reliable communication solutions for alerts, mobilization and tactical communication).

Ascom Holding AG is headquartered in Switzerland, has subsidiaries in 20 countries and employs about 2300 people around the world. Ascom registered shares (ASCN) are listed on the SIX Swiss Exchange in Zurich (Switzerland).

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