

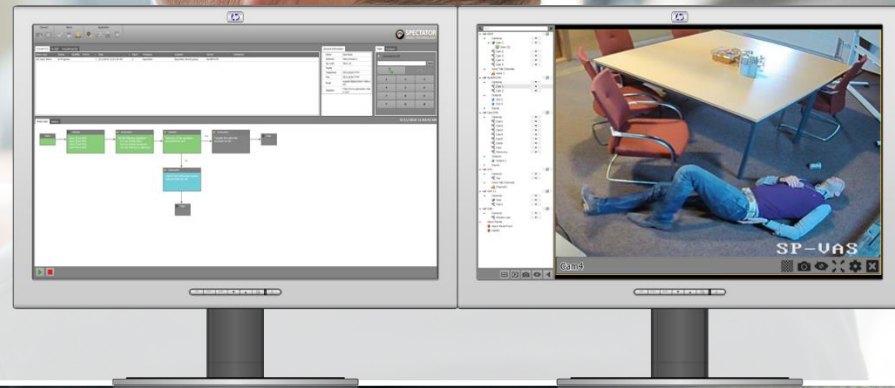


SPECTATOR

VIDEO TECHNOLOGY



Spectator Healthcare Concepts
Total Service Solutions





Introduction

Technology, Concepts & Products

Spectator Video Technology

develops and commercialises cutting-edge

Video Control and Service Centre Platforms globally

for a wide variety of applications in

Security, Healthcare and Communication

Spectator Video Technology

Global Offices



Europe



Made
The Netherlands

Latin America



Manizales
Colombia

Middle East



Manama
Kingdom of Bahrain

Africa



Cape Town
South Africa

CIS Federation



Kiev
Ukraine

Spectator Communication Platform

SCP



An event-driven Multidisciplinary and Multi-protocol Central Alarm Monitoring Solution with a unique Combination of PSIM & VMS Features

Spectator Communication Platform

Operator GUI



Alarm Monitor

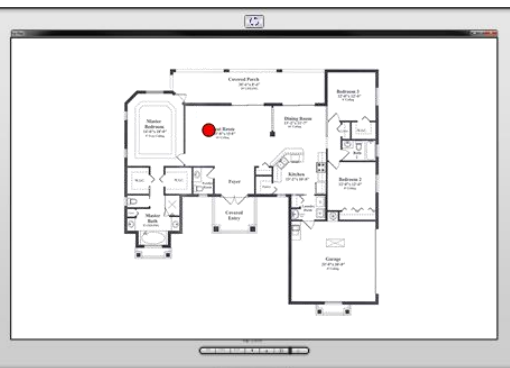
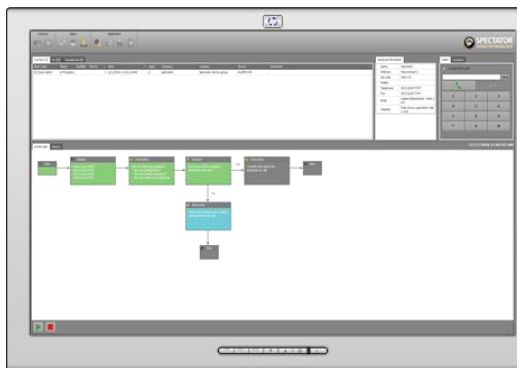
- Alarm Queue
- VoIP interface
- Contacts
- Action plan

Video Monitor

- Video window
- Camera selection
- Output control
- PTZ control

Geo Map

- Multilayer maps
- Clickable icons
- Reference photos
- Location mobile alarm



Spectator Communication Platform

Tele-consult (Video Monitor)



Healthcare Issues



- 👁️ Home care is becoming an increasingly important topic
- 👁️ Elderly, less mobile and ill persons want to live longer independently in their own homes
- 👁️ Relatives worry about leaving those in need of care alone



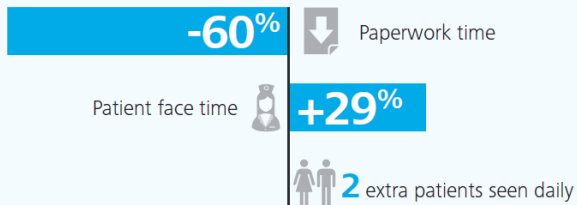


Healthcare

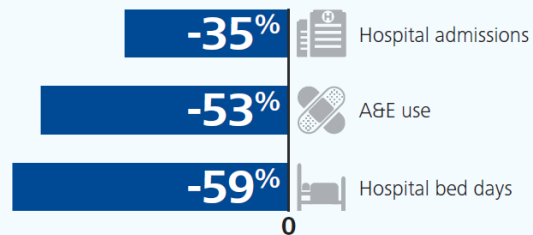
Digital Healthcare Market

Evidence of health technology benefit for providers

A mobile working solution for community nurses



A telehealth hub across 210 care homes



Evidence of health technology benefit for patients



Patients using technology to manage their COPD:



* Deloitte UK connected health 2015



Healthcare

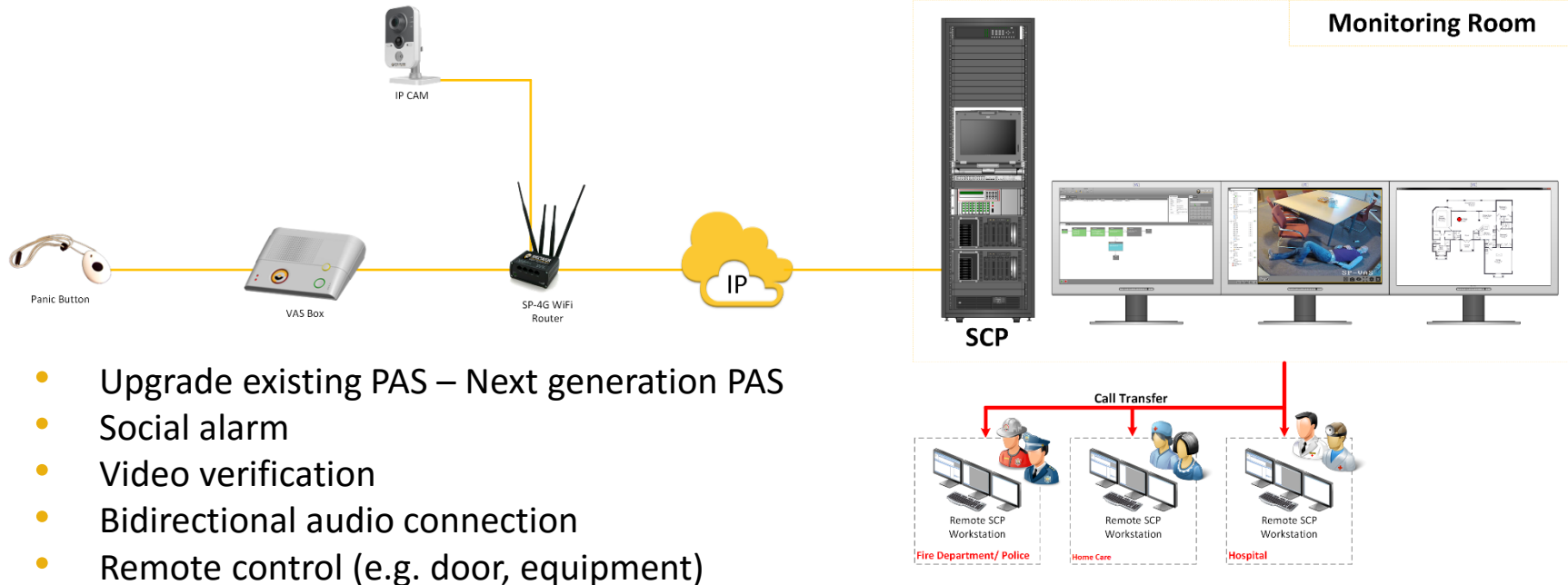
PAS Market Development

EU-Countries	Total population 2014 (in M)	Growth 2010 – 2014 (in M)	65+ 2014 (in M)	PAS Users 2014
UK	64,5	5,4	11,3	1.700.000
Germany	81,2	0	16,6	800.000
Spain	46,8	7,6	8	800.000
Sweden	9,8	0,9	1,8	700.000
Norway	5,2	0,8	0,7	350.000
Netherlands	16,9	1,1	2,5	120.000
Denmark	5,6	0,2	0,9	100.000
Belgium	11,2	1	2	80.000
Ireland	4,6	1	0,8	80.000
France	64	5	10,6	70.000
Turkey	75	2,9	7	0
Total	384,8	385	62,2	4.800.000

- 8 – 10% growth in European Telecare Market
- Strong/ rapid ageing population (65+) in large countries due to smaller families since the 1950s
- Old phone-based concept (\pm 1980) with need for alarm verification

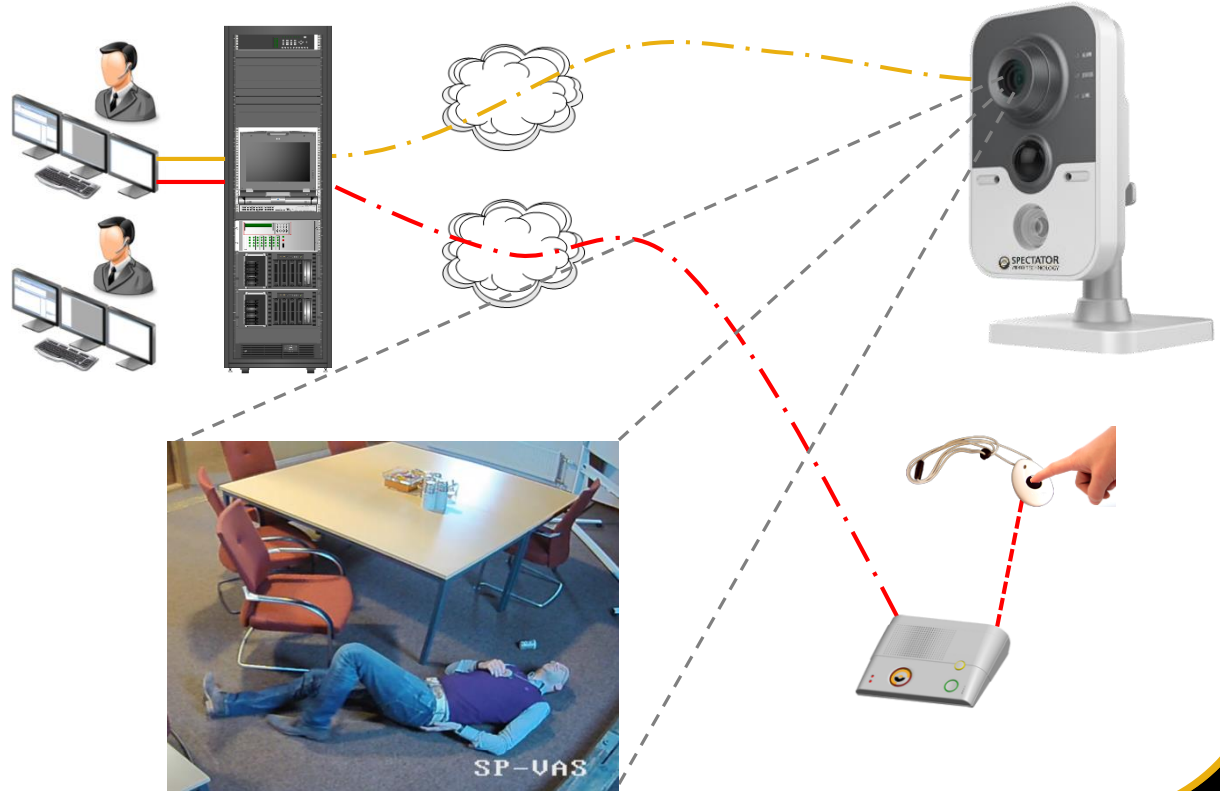
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VAS Basic – “Always-ON”



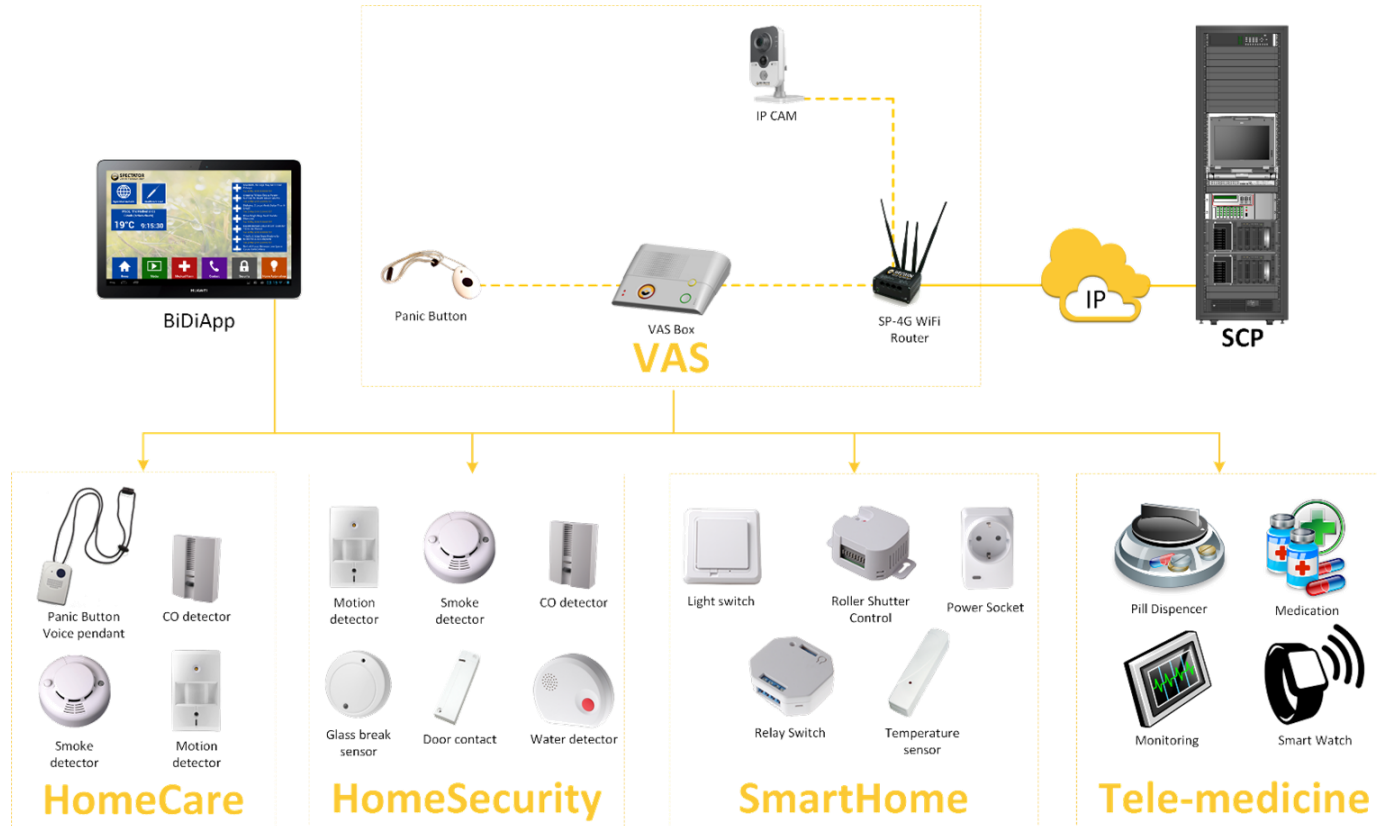
Video Alarm Verification

How does it work?



Spectator Total Service Concepts








Expansion VAS Concept



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BiDiApp – “On-Request”



-  Medical alarm
-  Tele-consult with nurse, physician or specialist
-  Video call to relatives and friends
-  Live & recorded multimedia streams (e.g. Church-TV)
-  Security cameras
-  Advanced domotics
-  Agenda function for medical appointments



Smartphone








Tablet

New Developments

BiDiApp - Home



-  User friendly interface with large & understandable navigation buttons
-  Overview of subscribed news feeds
-  Local time & weather
-  Quick-link to (healthcare) provider support or community internet page
-  Customizable interface (on request)



New Developments

BiDiApp – Contacts & Calls



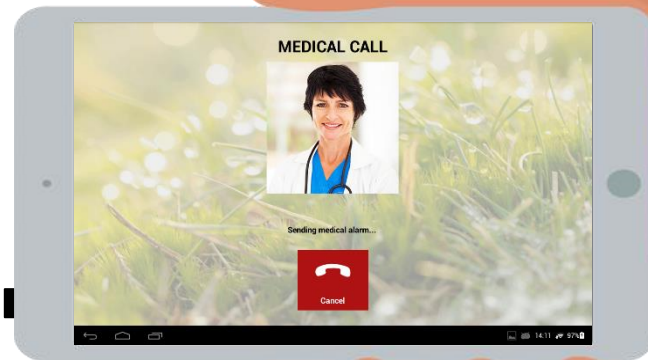
- Start medical alarm call with Healthcare/ Homecare operator
- Bidirectional audio communication between user and operator
- Automatically start IP camera to provide optimal support & positional awareness for operator
- Contact family & friends, healthcare provider and service providers with a simple push of the button
- All contacts are authorized in SCP database to avoid undesired calls

New Developments

Emergency App

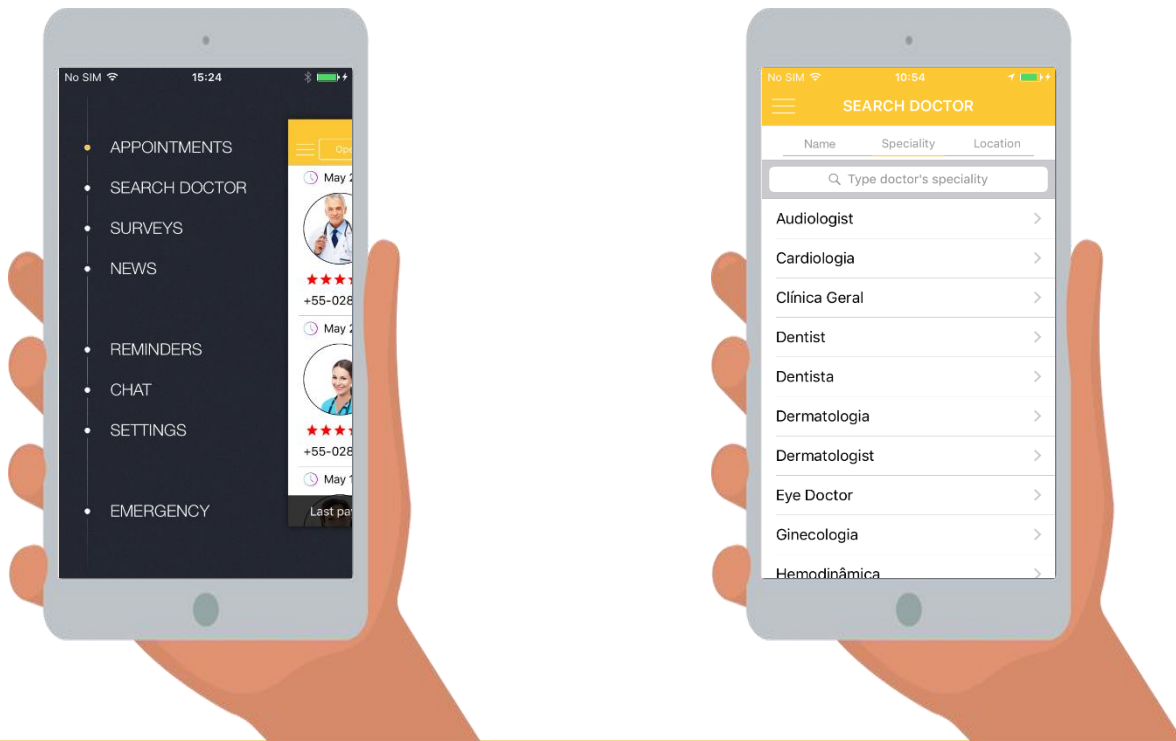


- Alarm feature via audio-jack alarm/ panic button in BiDiApp
- Immediate transmission of GPS coordinates and start of emergency (video) call to (medical) operator



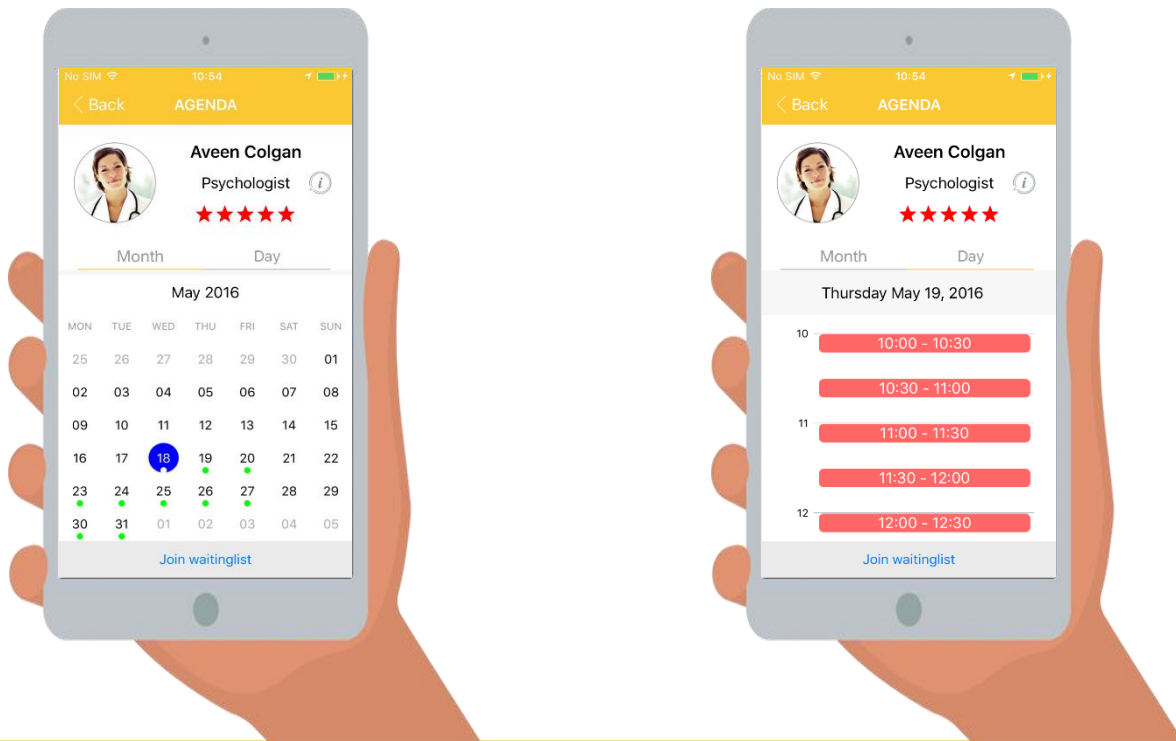
New Developments

Appointment App



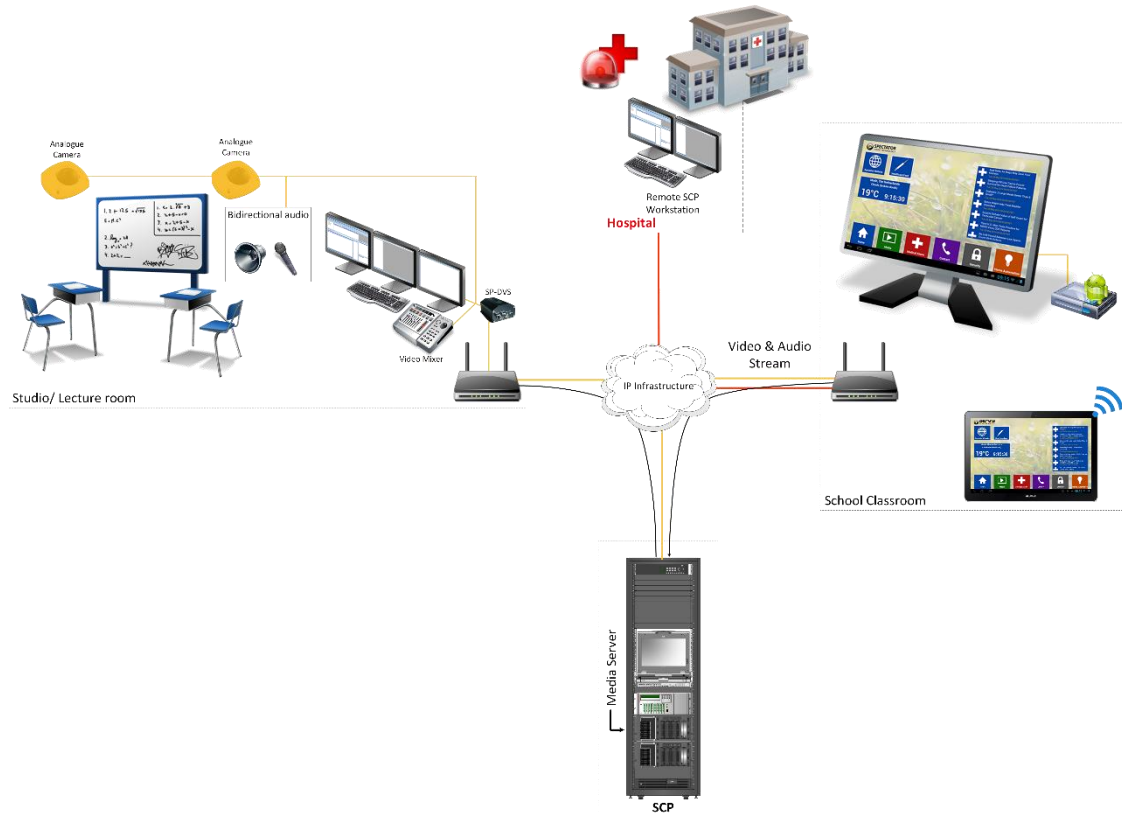
New Developments

Appointment App



Communication







Tele-learning



Total Concept Solutions

Conclusions



-  Total Concepts & Solutions for Healthcare, Security, Communication & Multimedia:
-  24/7 instant access to medical operators, nurses, physicians, specialists and volunteers
-  Remote medical support, e.g. intake medication (drug adherence), in addition to Tele-medicine data
-  Quality-of-Life improvement of healthcare for patients/ clients
-  Increased efficiency and cost reduction for (home) care organisations
-  Combination HomeCare – SmartHome – HomeSecurity

Thank you for your attention



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