



We have the right tools



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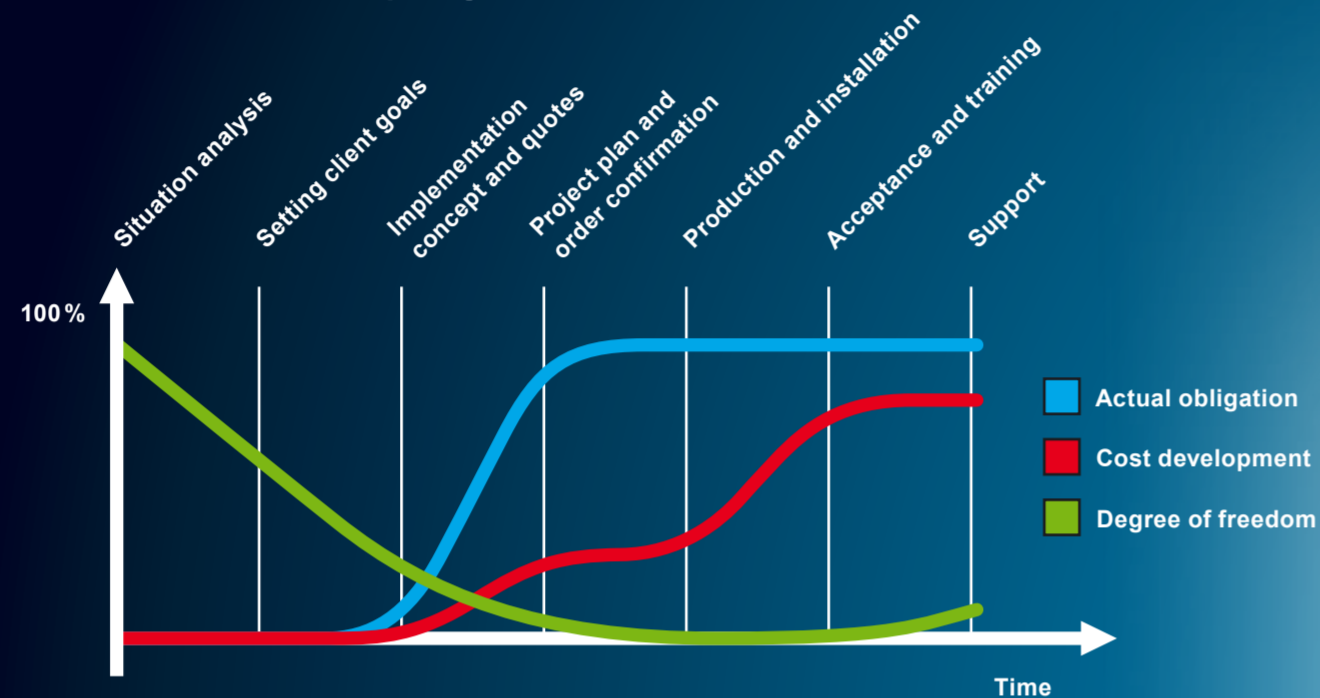
Improving patient safety
The WIEGAND® system offers comprehensive and flexible solutions to increase medication safety and hence patient safety. The easy to use and modular, combination system components are suitable for both in-patient and out-patient healthcare institutions.
Parallel to an enhancement in the quality of care, similarly, a reduction in the burden of the care staff and those working in the pharmacy is achieved. Furthermore, the savings potential due to a reduction in medication errors is substantial.

Medication logistics in the hospital

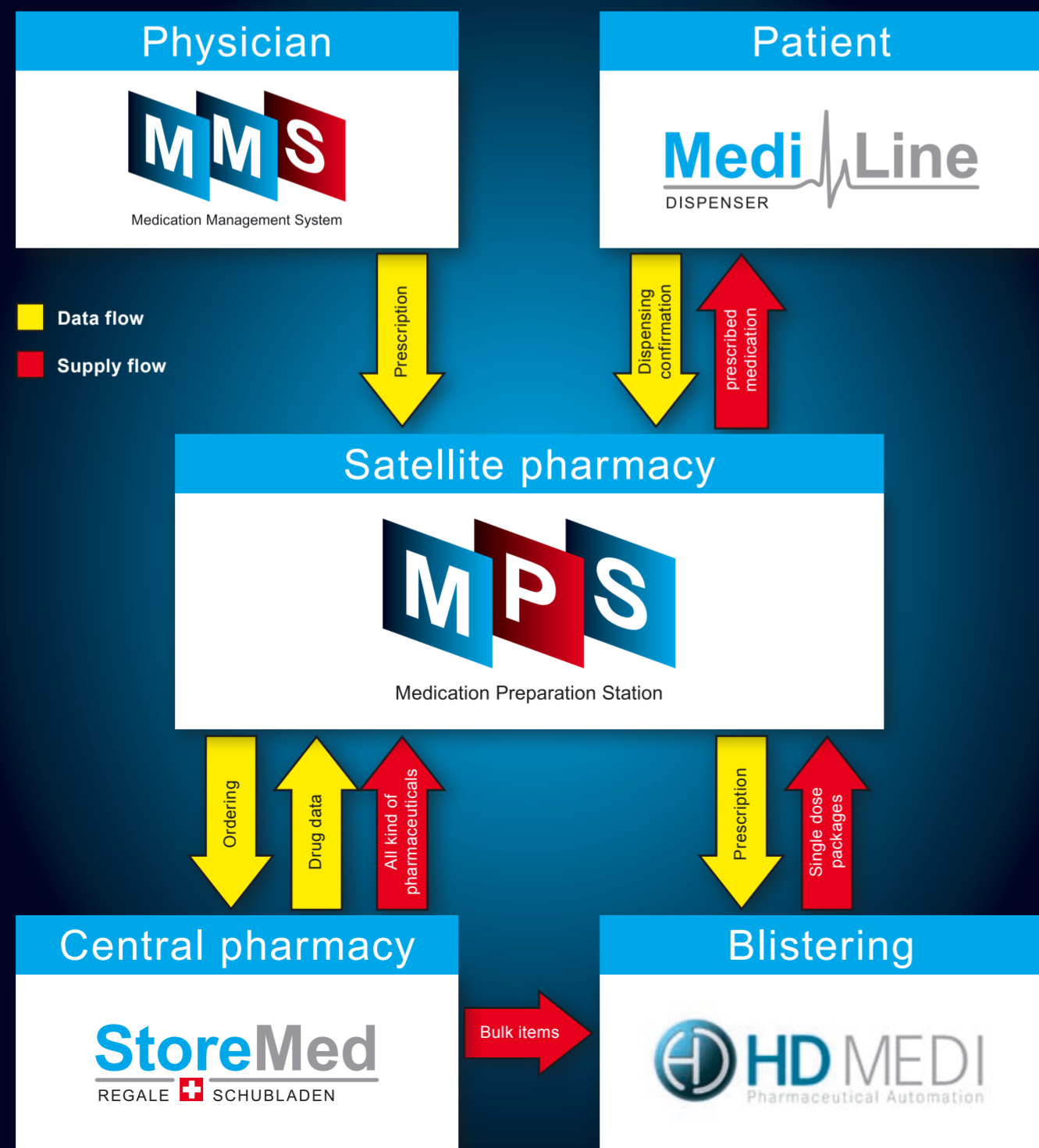
WIEGAND® accompanies you through the whole process from identifying your requirements to execution. WIEGAND® remains a reliable partner beyond the phase of successful implementation.



Cost controls in investment projects



Flow of data and supplies



Physician

An electronically supported medication process is a central element of the quality assurance of drug therapy. Subsequent to the electronic prescription carried out by the doctors, through using MPS, the nurses and pharmacist are electronically supported.

- Electronic prescription
- Electronic compendium
- Interaction check



Patient

An improvement in medication safety can only be achieved through using the right tools and clearly defined work processes.

- Patient's identity is checked
- The patient's MediDispenser is checked
- Dispensing time is checked
- Medication and dosage are checked
- Way of application is checked



FlexLine Nurse Trolley



Barcode reader at patient's bedside

Satellite pharmacy - wards

What looks to be a normal cupboard is in reality a highly modern and efficient medication preparation system. Computer assisted preparation using the WIEGAND® MPS considerably reduces medication errors.

- Error free preparation
- Automatic stock management
- Integrated ordering system
- Control of expiry dates



Distribution Tray with Day Dispensers



Pre-cut blisters in PharmaBox

Central pharmacy

Central pharmacies and central stores are the "hubs" or logistical nodes of a hospital. Being well organised and optimally equipped means you can function smoothly and reduce bound capital in the pharmacy and wards. Pharmaceuticals and sundry material for patients need to be available at all times.

- Control of stocks in the satellite pharmacies
- Optimisation of the order points and order quantities



Baskets and trays (ISO) fit not only into the transport trolleys, but also in the ward-room cupboards.

Adequate equipment supports a smooth flow of stock (FIFO).

Blistering

The prescriptions obtained online are sent to the drug-equipped machines. All tablets are picked and packed with the greatest precision in small printed packets by computer controlled machines.

- The filled packets are compared with the doctor's prescription
- Patient's individual blister pack is delivered to the ward



Tablets are packed together for each patient according to the administration time.



First, tablets are deb blistered for the blistering machine.



Efficient work flows are achieved by a clear order.



The medication process for homes will be outsourced

With increasing life expectancy, the number of those requiring care will grow massively. Above all, the percentage of over eighty year olds will double in the next twenty years.

Today, healthcare personnel of nursing and residential homes are already over-burdened. Homes would like to leave the preparation of pre-dosed medication to the pharmacies and WIEGAND® offers different options to enable this.

Automated solution for tablets



BlisterBoxes
Deblistered tablets automatically packed.

Solution for all medicines



MediDispenser
Various manually packed medicines in original blister packaging (CollectBox Concept).

Medication Preparation Station

The electronic Medication Preparation Station (MPS) is a support and control instrument as well as a source of information for the nurses when handling medication.

MPS is optimal for integration into already existing procedures of the treatment process and allows for an improvement in medication safety even when personnel resources are scarce.

How does MPS work?

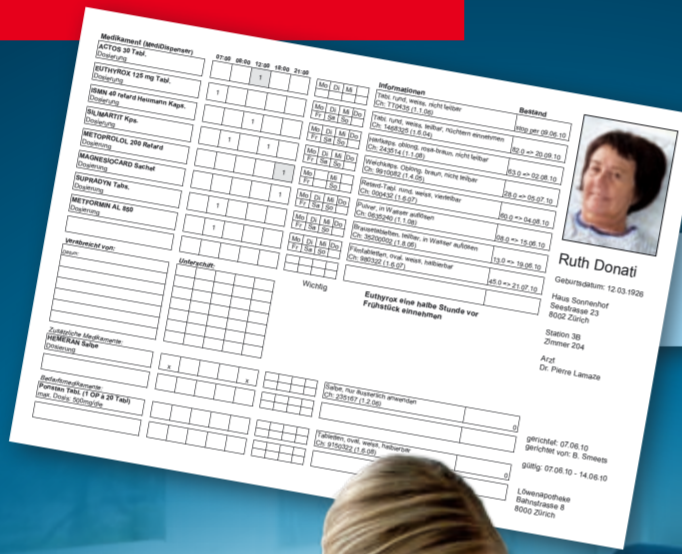
- Scan patient's MediDispenser or case-ID (The patient's medication is displayed)
- Scan medication (Check for correctness)
- Displays in which compartment it should be directed
- A warning is given in the case of a medication being put into the wrong compartment
- Electronic narcotics drugs drawer (optional)
- Photo documentation (optional)



WIEGAND® CollectBox Concept

External preparation brings many advantages

- Small investment per patient
- Comprehensive concept from stock logistics to the administering of a medicine
- Staff save considerable time
- Familiar work processes stay the same
- A competent counterpart concerning questions regarding medication
- Significantly improved medication safety



Capturing prescriptions and printout of up-to-date medication.

Filling all 7 MediDispensers of a patient for a week.



MediDispenser-preparation

- Individual, daily, several days and weekly preparation
- Decentral and centralised preparation
- In a ward for a ward
- In a central pharmacy or satellite pharmacies for more wards
- Pharmacy delivering to external patients

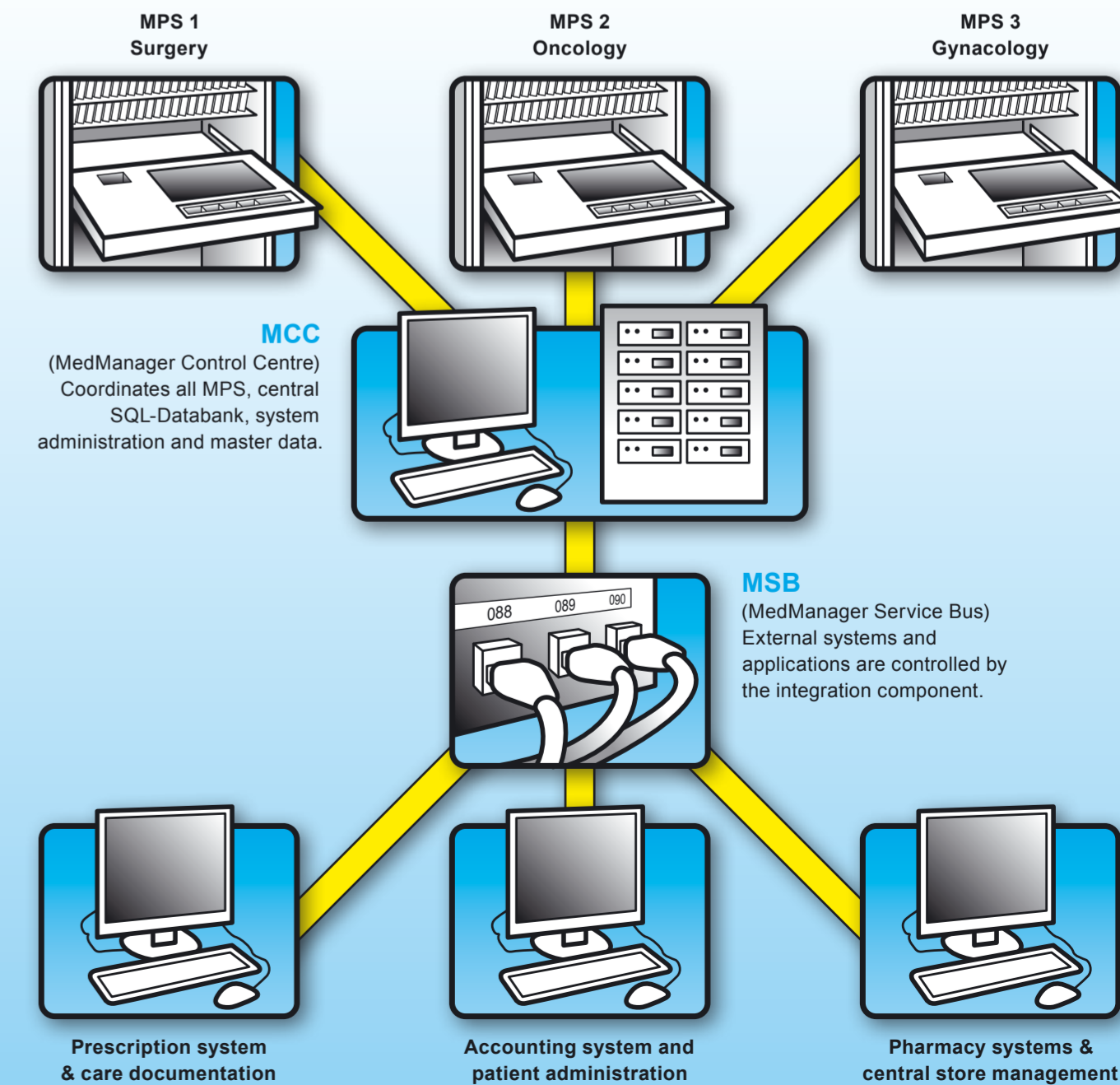
Different logistical concepts

- Order according to requirements
- Stock management in medication cupboard
- KANBAN System (cupboard management)

Information system

- Supports the pharmacological commission
- Compendium information
- Interaction information

System architecture



The 7 empty MediDispensers are picked up at the nursing home.



The CollectBox is filled with full transport trays.



The MediContainer provides adequate space for all patients' additional medication.



The filled CollectBoxes are transported to the nursing home.



The filled MediDispenser are reallocated in the Medication Trolley of the ward.