

THE CURRENT SCENARIO



Healthcare logistics is a very complex issue due to increasingly stringent regulations, the impact in terms of cost and management, and the importance of all players in the logistics chain, from third-party providers to patients.

At present, the national health system carries out all logistics-related activities largely on its own: such an effort often proves to be ineffective in terms of financial resources and organization and may even be unsustainable in the future.

Growing needs

The **indices of old age and drug dependence** in Italy are steadily increasing, with higher values especially in the North-Central regions. This also implies a gradually **growing need for pharmaceutical goods and related health spending**, whose per capita value increases in relation to two variables:

- Frequency of use (chronicity), which becomes greater in older age groups
- Use of new generation drugs, which have higher average prices.

New technology

Modern, smart and advanced logistics must be able to adapt to emerging trends and technological developments, working in synergy with all the players involved in the supply and distribution of drugs. The continuous development of new technology provides, in fact, valuable tools to **optimize and improve healthcare logistics**, but often requires specific know-how and high investments that hinder its diffusion.

For example, by taking advantage of the benefits and potential of **connectivity**, the **Internet of Things** and **Artificial Intelligence** in a proper manner, a large amount of data can be collected, which allows for the development of increasingly patient-oriented and product-specific **tailor-made services**.

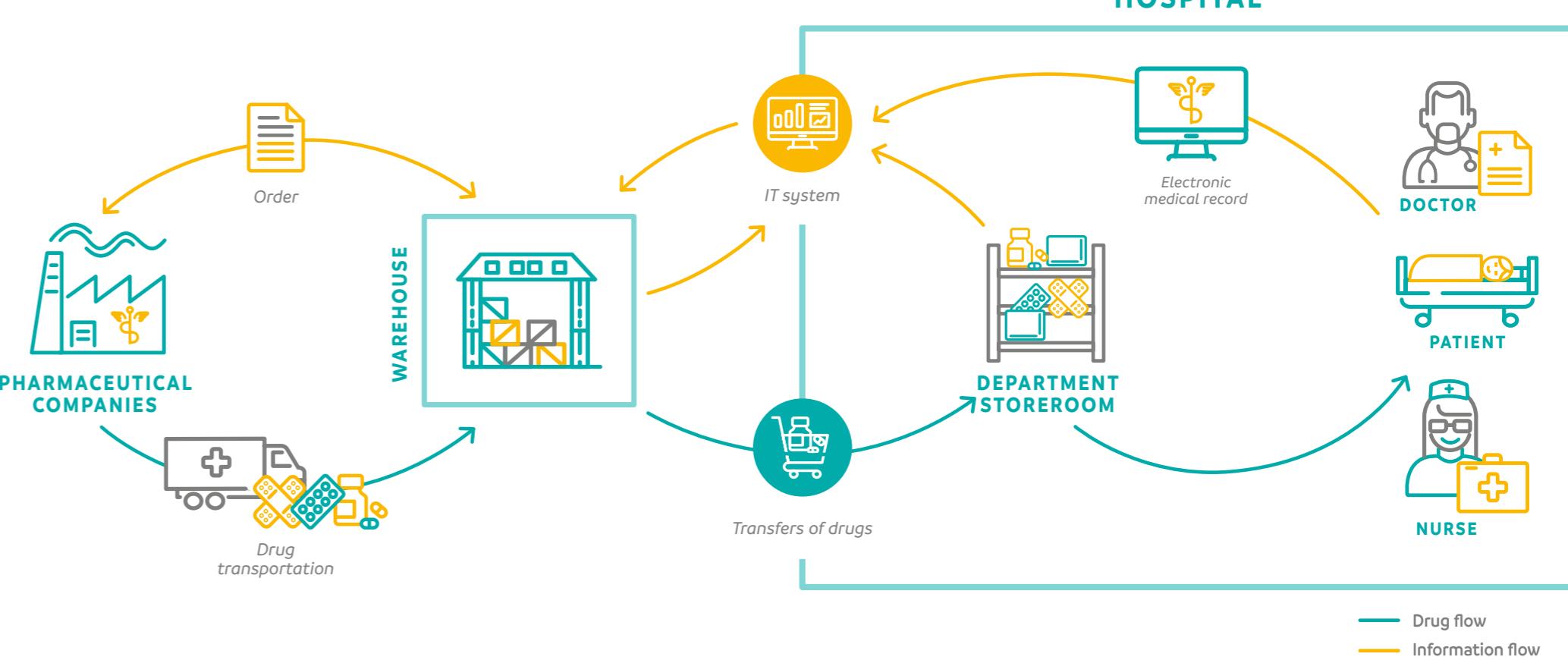
Need to make pharmaceutical spending more efficient

The purchase and logistics of drugs and medical devices are the second largest item of expenditure for hospitals, accounting for an average of 20% of total costs: it is, therefore, crucial for healthcare facilities to **make drug management more efficient** without sacrificing quality, acting on waste reduction and rationalizing consumption.

OUR PROPOSAL

In order to surmount the various critical issues involved in this steadily evolving scenario, Rekeep has designed and developed a **service innovation proposal**, an integrated logistics model capable of responding in the best possible way to the needs of **public and private healthcare**, with customized and tailor-made solutions, secure and reliable processes and an end-to-end approach.

It is essential to integrate the entire logistics chain in such a way as to generate operational efficiencies capable of ensuring "**the right drug to the right patient at the right time**", through a logistical process that starts from the reception of drugs in the storeroom and ends with the prescription and administration of a certain drug to a certain patient at any of the Departments/Services of the Hospital Trust, as illustrated in the infographic shown on the side.



Drug flow
Information flow

STRENGTHS



Clinical Risk Reduction

Highly computerized management of drug logistics generates a significant reduction in both the costs associated with therapeutic errors in the prescription, transportation, and administration and expenses necessary to remediate errors related to healthcare in general. This results in actual and substantial benefits for core health care, namely patient care.



Continuous improvement

- KPI monitoring
- Business Intelligence
- Quality Audit
- Planning and sharing improvement strategy



Information Technology

- Interface with present management system
- Historical consumption series analysis
- Digitization of processes
- Electronic medical record

Technology must support and not hinder the operations of healthcare staff. Targeted use of technology allows for the optimization of hospital logistics and hotel services, thus freeing up valuable time to devote to patient care.

BENEFITS



Operational benefits

- Simplification of operational requirements
- Optimization of macro and micro logistics processes
- Inventory management (stock and consignment account)
- Warehouse storage
- Consumption monitoring
- Product traceability
- Real-time monitoring of department and warehouse stock
- TairLogistics approach (multi-stakeholder approach)



Clinical benefits

- Availability of effective tools for pharmacovigilance
- Reduction/elimination of clinical/therapeutic errors and related adverse events
- Control and traceability of prescriptions, therapies, and movements
- Optimization of human resources commitment

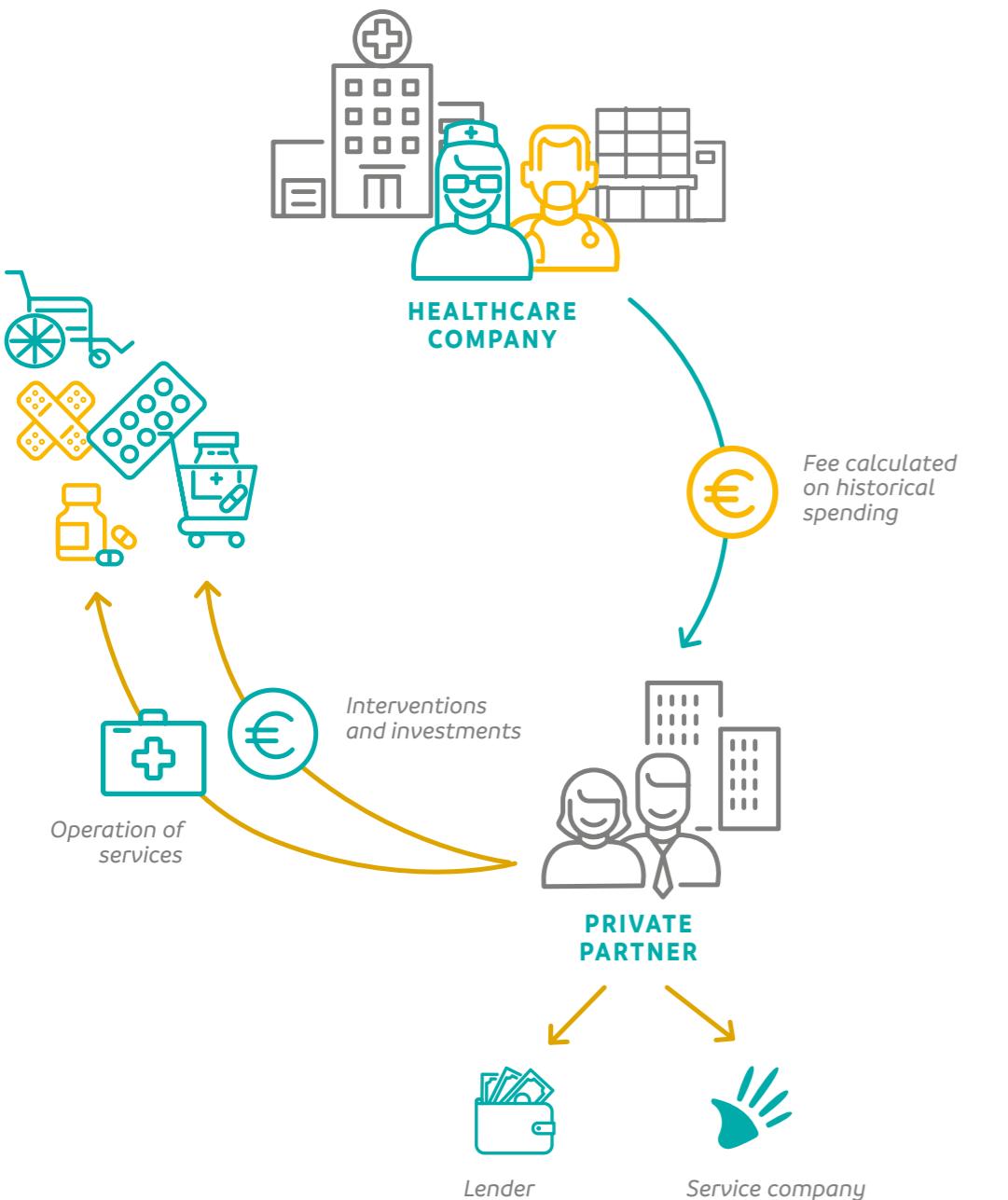


Economic benefits

- Lower consumption for drugs, medical devices and supplies with a 25% saving
- Lower operating costs



THE CONTRACT
SOLUTION



HEALTHCARE LOGISTICS

*End-to-end management
of drugs and medical devices*



rekeep
minds that work

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rekeep
minds that work