

# Healthcare activities in Mexico

Mexican Social Welfare Institute  
Dec, 2005

# History

The Mexican Social Welfare Institute (IMSS) is the largest social welfare organisation in Latin America, acting as a cornerstone for individual and collective wellbeing for Mexican society and foremost administrator of wealth is, without a doubt, one of the most respected organisations in Mexico.

As of today, the total number of registered beneficiaries is of about 47 million people. The total number of insured employees topped 12 million people and there are over 2 million people receiving a retirement aid.

After 60 years of uninterrupted service, IMSS has overcome some dire times that have befallen upon it either because of its own, or even the country's situation. Despite its regular resource deficiencies, the organisation still remains an incredibly valued resource for health and welfare in the eyes of many Mexican workers, and it is committed to continue its work in favour of Mexican social welfare, rising up to the challenges of this new century.

# Background

- Out of stocks in pharmacies and medical units
- Every medical unit is responsible for the new-supplier introduction process, which only slows down the consolidation and payment process.
- Merchandise reception is manually executed, using internal codes and references.
- Merchandise sales are recorded on an irregular basis, affecting the stock management.

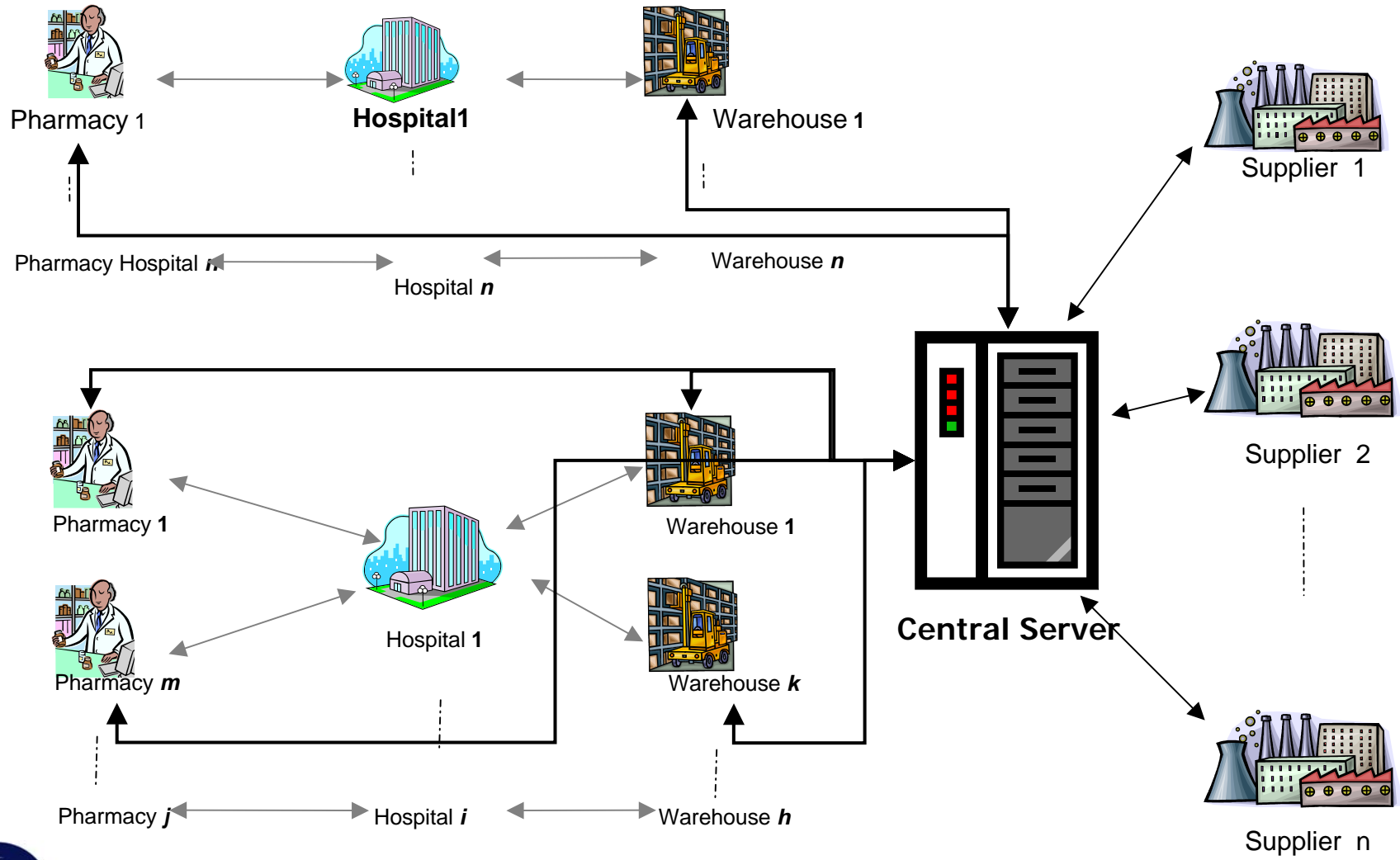
# Principal target for the new process

- The supplier will review the daily movements of sales and stock in order to manage their distribution operation.
- The supplier will be penalised in case of out of stock or over stock at the medical units and pharmacies.
- The Social Security Institute will share the Monthly Average Stock consumption, including the min and max level to evaluate the service level by supplier.

# Principal target for the new process

- The supplier will be able to redefine the parameters assigned to the max and min levels, based on the consumption, stock and merchandise manage experience.
- The supplier will define the delivery date during the normal shedule of the pharmacy.
- In case of out of stock, the pharmacy will generate a note to the patient to exchange it at other pharmacy.
- The pharmacy will generate the report of the notes and apply the corresponding note of charge to the supplier.

# Information flow



**Pharmacy**

**Drugs**



**Hospital**



**Warehouse**



**Medical supplies**

**Sales report**

**Dispatch Advice**

**Sales report**

**Dispatch Advice**

**Stock consumption**

**Dispatch Advice**

**Follow up on  
Stock level**

Medicament and Hospital  
Catalogue

IMSS

SUPPLIER

Purchase order

Purchase order confirmation

Dispatch advice

Reception advice

Application advice and error

Inventory and sales report





# Overview

- Pharmacies and hospitals 1,350
- Suppliers 180
- Daily prescriptions 7,600
  - Each prescriptions contains between 2 to 5 drug codes
- Between 1 to 3 file uploads per supplier per hospital in a day
- Stock and sale information is updated 3 times a day by hospital and by supplier which amounts to 729,000 daily transactions.

# Next steps

- Automatic identification
  - Nurse, physician, patients and prescription identification.
  - Drug identification at consumer unit.
  - Dose identification
  
- Use of Global Location Number for Hospital and Pharmacy identification
- Centralized drug database on Cat@lógalo (GS1 Mexico data pool)
- Use of EAN 128 for pallet identification
- Electronic message
  - ORDERS Purchase order for replenishment
  - XML (INVOIC) Electronic Invoice with fiscal requirements