



FiMVO

Suomen Lääkevarmennus

Protecting the patient from falsified medicines

Setting the scene



Population: 5,5m



Rx packs: 70m



Wholesalers: 6



Privately owned pharmacies: 824



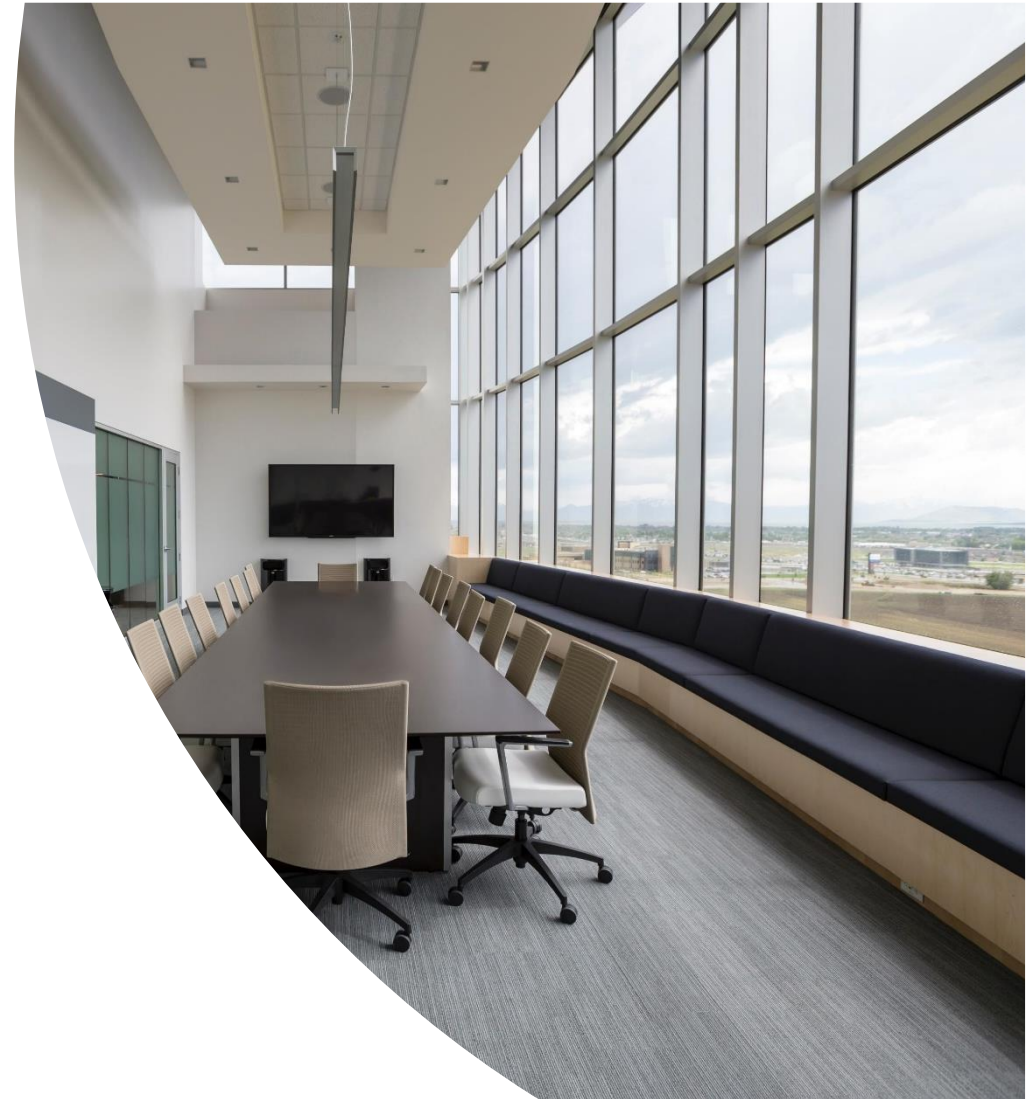
Hospital pharmacies: 23



Dispensaries : 56

FiMVO

- Non-profit limited company
- Shareholders:
 - Pharma Industry Finland
 - Orion Corporation
 - Finnish Generic Pharmaceutical Association
 - Suppliers of Parallel Imported Medicines of Finland
 - The Association of Finnish Pharmacies
 - The Association of Pharmaceutical Distributors
- Hospital pharmacies represented in the FiMVO Steering Group



State of readiness

- First verification performed in September 2018 - system up and running
- 99% of End Users are connected
- 30% of pack data uploaded
- 83% success ratio in transactions



Challenges hospital pharmacies have faced

- Volume, volume, volume
 - Aggregation in the future?
 - Staffing
- Planning procedures for in-bound stock
 - May vary depending on the medicine
 - Hospital pharmacies mostly decommission at receipt of goods
- Who can perform the decommissioning - is a pharmacist physically required?
 - Technical staff can perform the transactions under supervision - SOPs need to be in place!
- Verifying/decommission is slow
 - Logistics need to be planned carefully
 - 2D matrix in the bottom of the pack is helpful
- A need for a standing buffer



More solutions

- Using PDA's (personal digital assistants)
- Utilizing automisation and warehouse robots
- Conveyor belt for verification
- Serialisation notification
 - Pharma companies have been asked to make a notification to a Finnish pharma database of when their first serialised packs are on the market
 - Data is entered into hospital databases to recognise, whether a products should be scanned or not - this helps save resources when decomissioning is not necessary



Benefits of serialisation

- Patient safety!
- Streamlining procedures
- Utilising the unique identifier
 - Tracking biological medicines
 - Tracking narcotics
 - Stock management
 - Uninterrupted medicinal treatment processes

