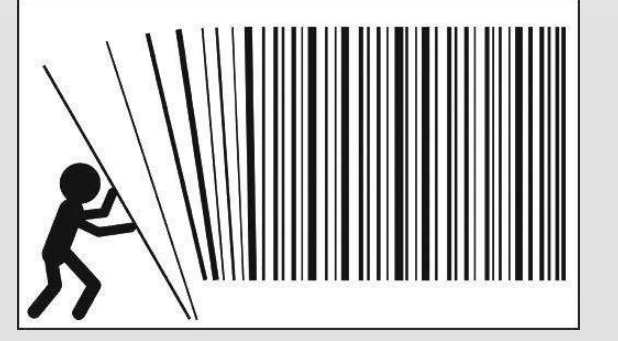


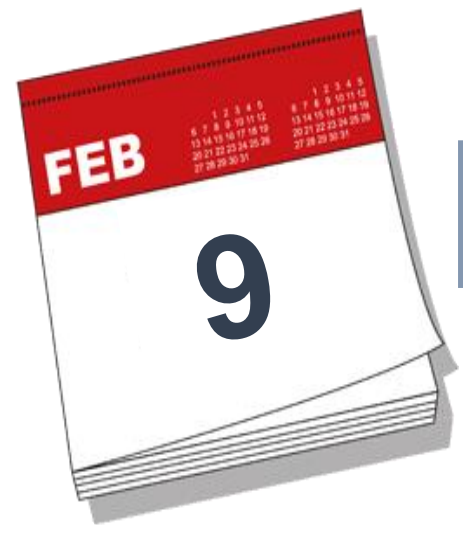
# NONCOMPLIANCE OF DATAMATRIX CODES, AN OBSTACLE TO IMPLEMENTATION OF THE FALSIFIED MEDICINES DIRECTIVE



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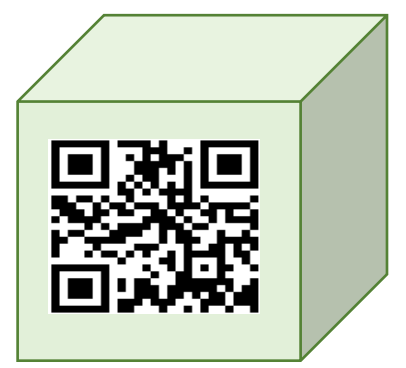


## Background



2019

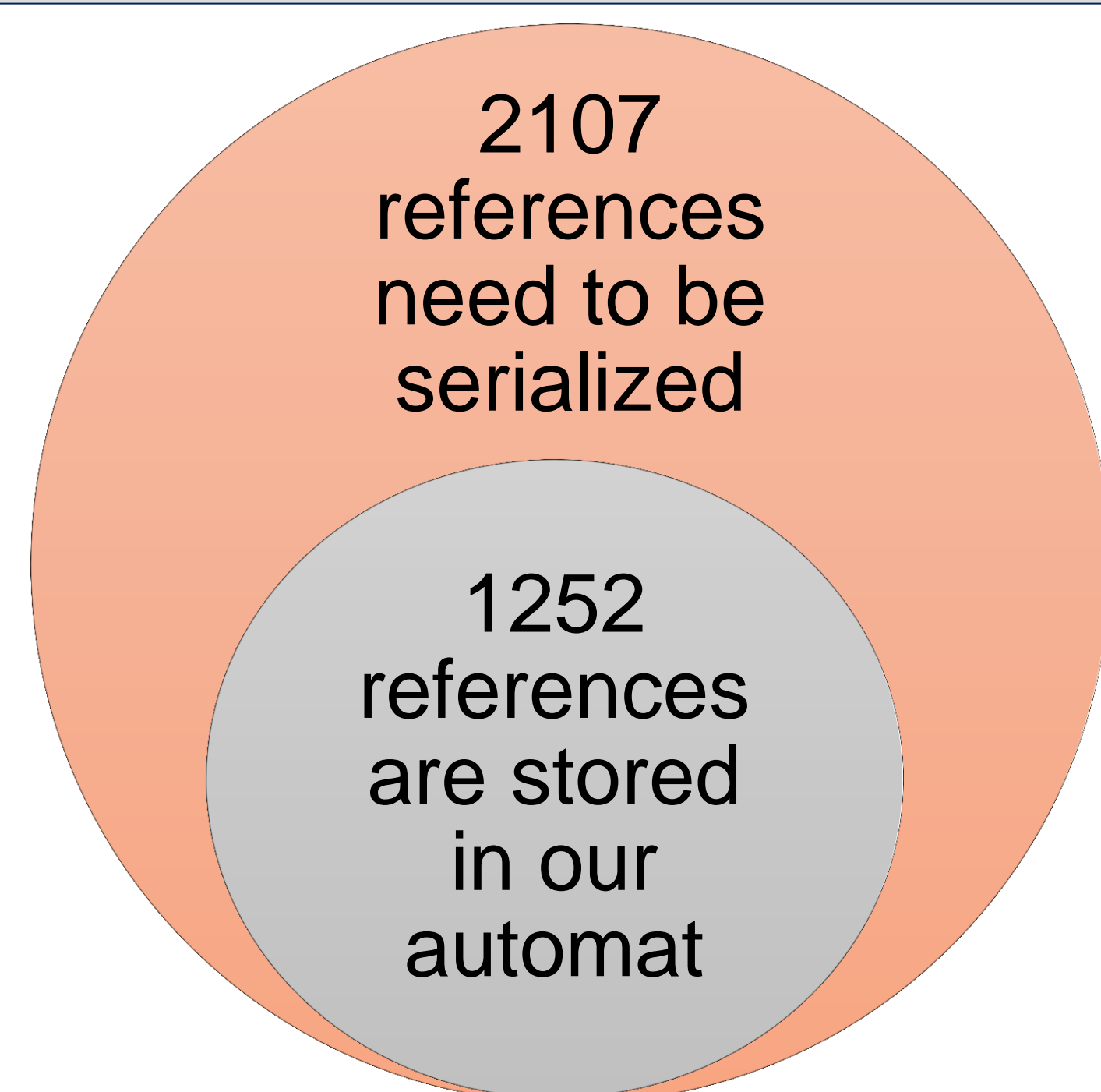
Serialization is mandatory in Europe to reduce counterfeit drugs.



- A DataMatrix code in each secondary packaging to indicate an important number of traceability data in a little area.
- Technical characteristics defined in standard ISO/CEI 16022:2006

Our university hospital is equipped with an automated storage and dispensing system of drugs. Unfortunately, this automat is not able to read the totality of Datamatrix codes. This obliges us to store manually in the automat the products concerned, which increases the duration of receptions and the labour cost.

## Material and methods



June 2018  
September 2018

Compilation of the products concerned by the impossibility of reading the codes, the laboratories involved and the causes of illegibility.

## Purpose

We have identified :

- ❑ The medicines for which the datamatrix code cannot be read by the automaton
- ❑ The causes of this problem

## Conclusion

We have found only one cause of noncompliance



Probably because we did not receive all the medicines referenced during the mentioned period.

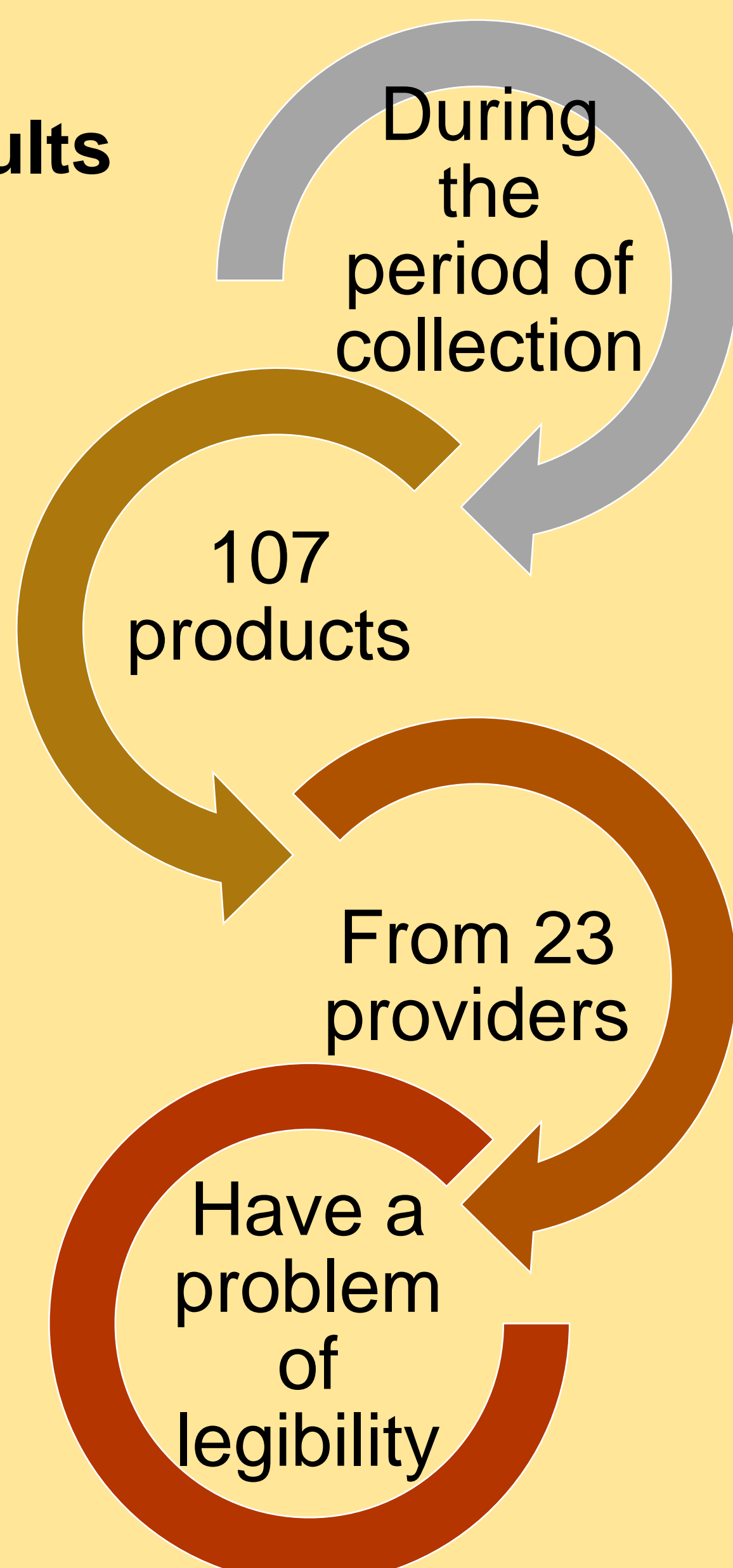
Other problems could be encountered like :

- too little Datamatrix codes
- shiny backgrounds

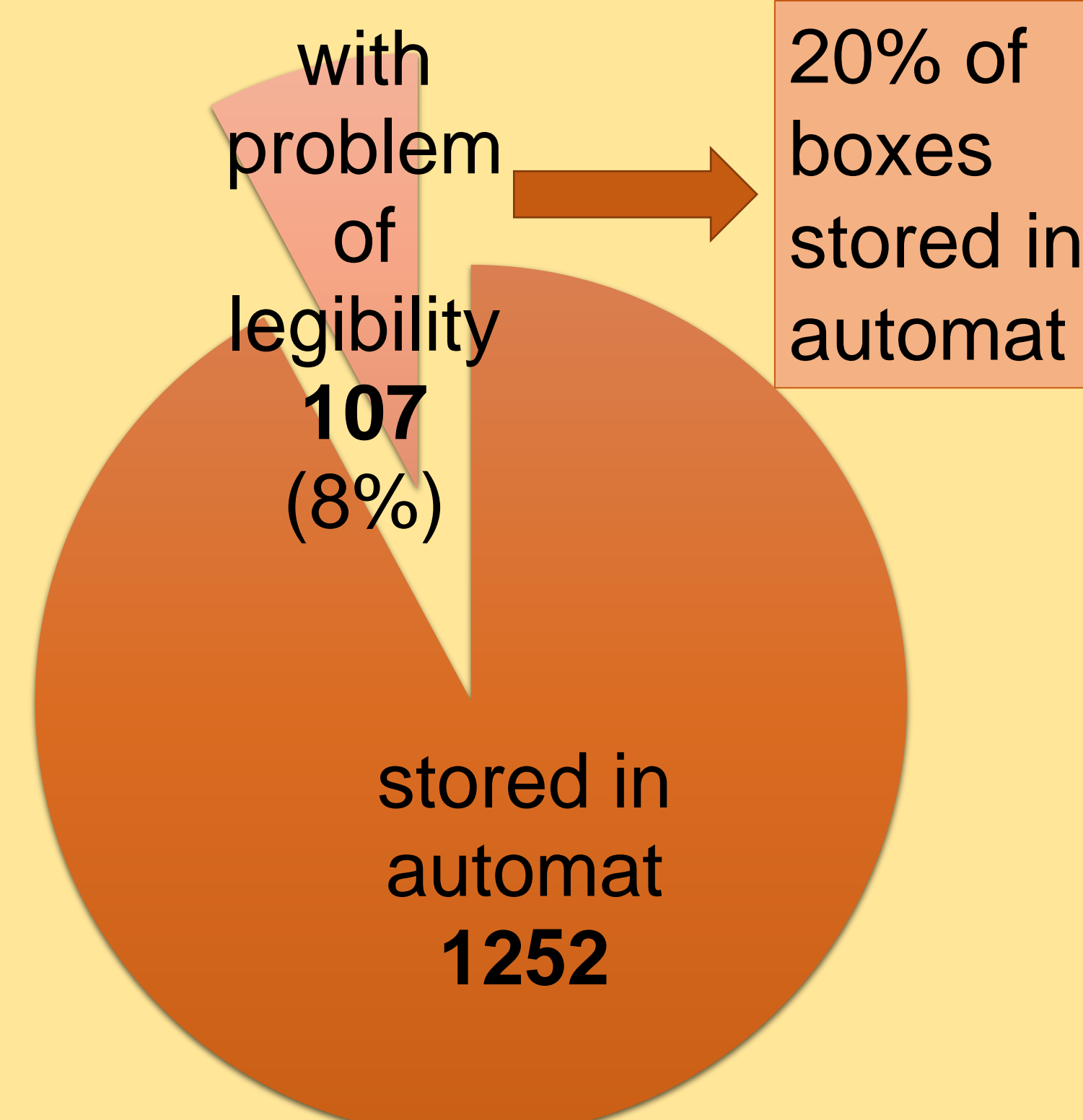
Change of reader heads of our automat is a solution but it represents an important investment.

This problem necessitate a collaboration between pharmacist buyers, pharmaceutical laboratories and equipment manufacturers to encourage the industrials to standardize the datamatrix codes in order to facilitate the compliance with the Falsified Medicines Directive.

## Results



## Number of references



The problem has always been the dark colour of the background.

**Keywords :**  
organization and administration,  
supply and distribution,  
serialization

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