



¿Nuestra mayor habilidad?  
Simplificar los procesos de  
cambio tecnológico.

SimplicityConcept by IN<sup>2</sup>

[www.in2.es](http://www.in2.es)

s

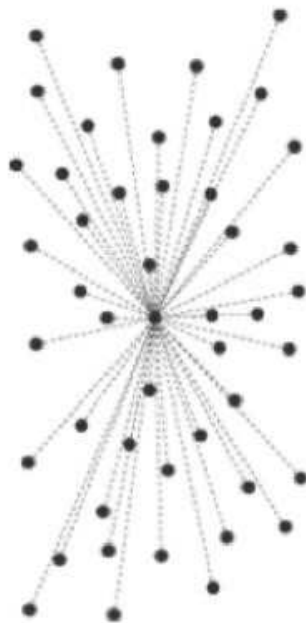
# Blockchain

Organitza:



Amb el suport de:

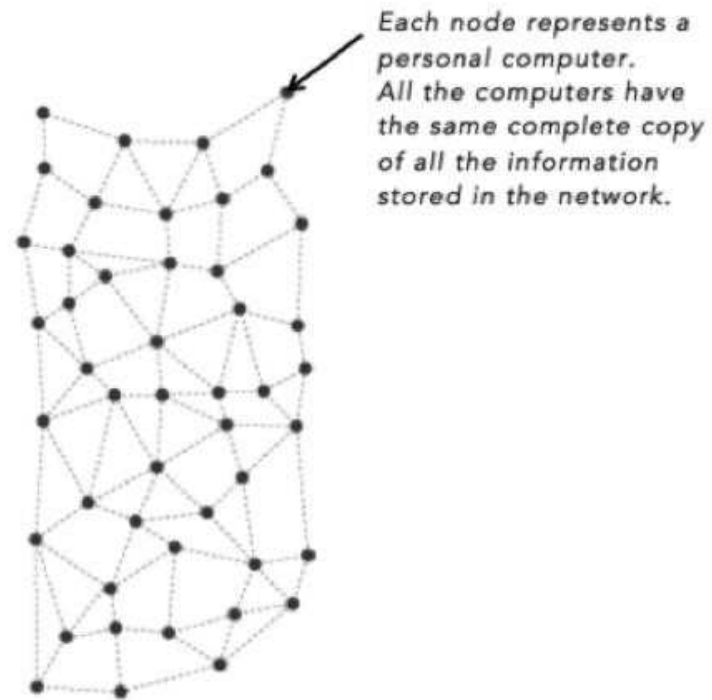




**CENTRALIZED**  
*Banks, governments*

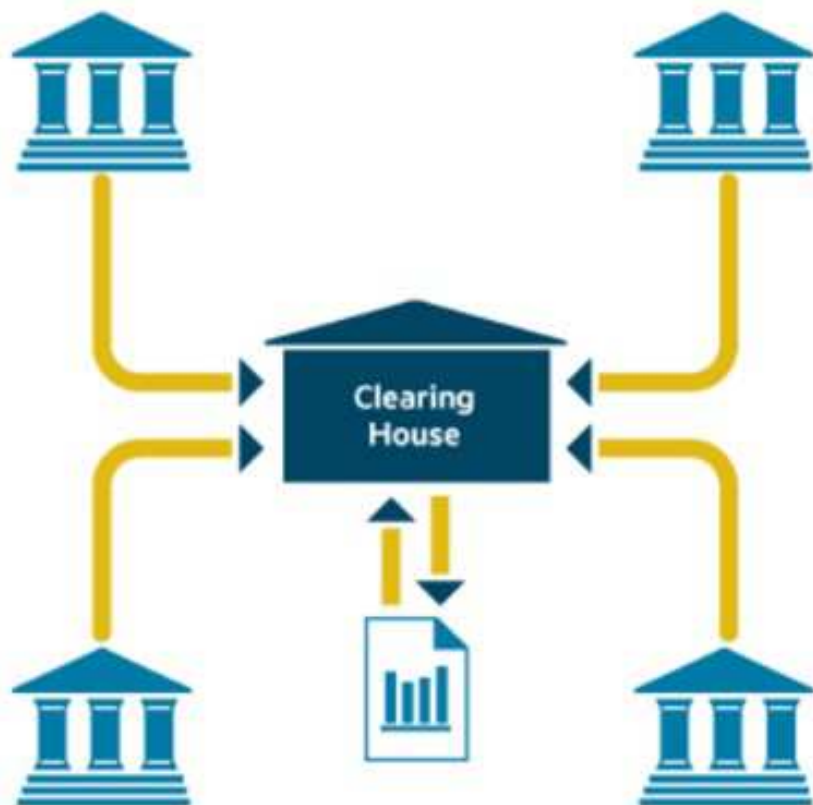


**DECENTRALIZED**

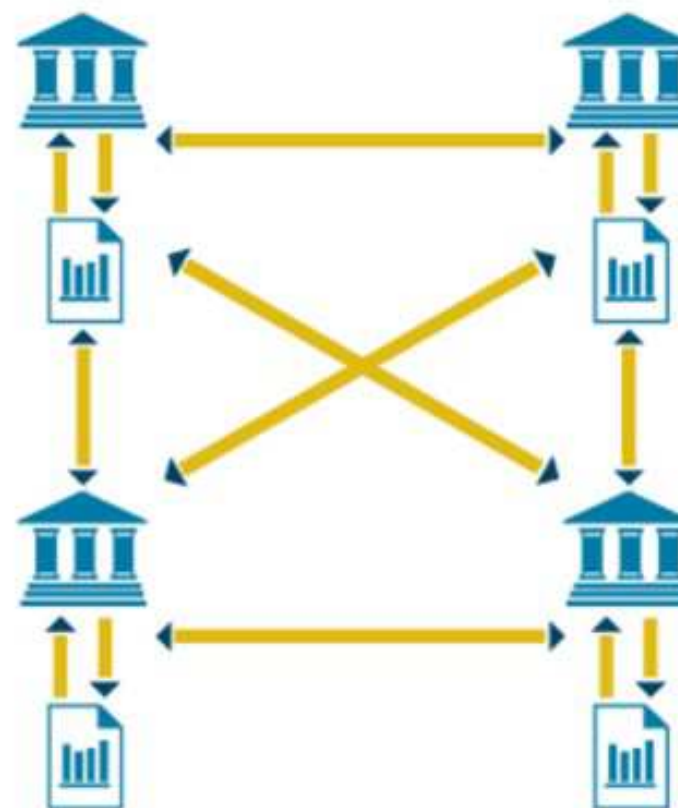


**DISTRIBUTED**  
*Blockchain*

**SISTEMA CENTRALIZADO**

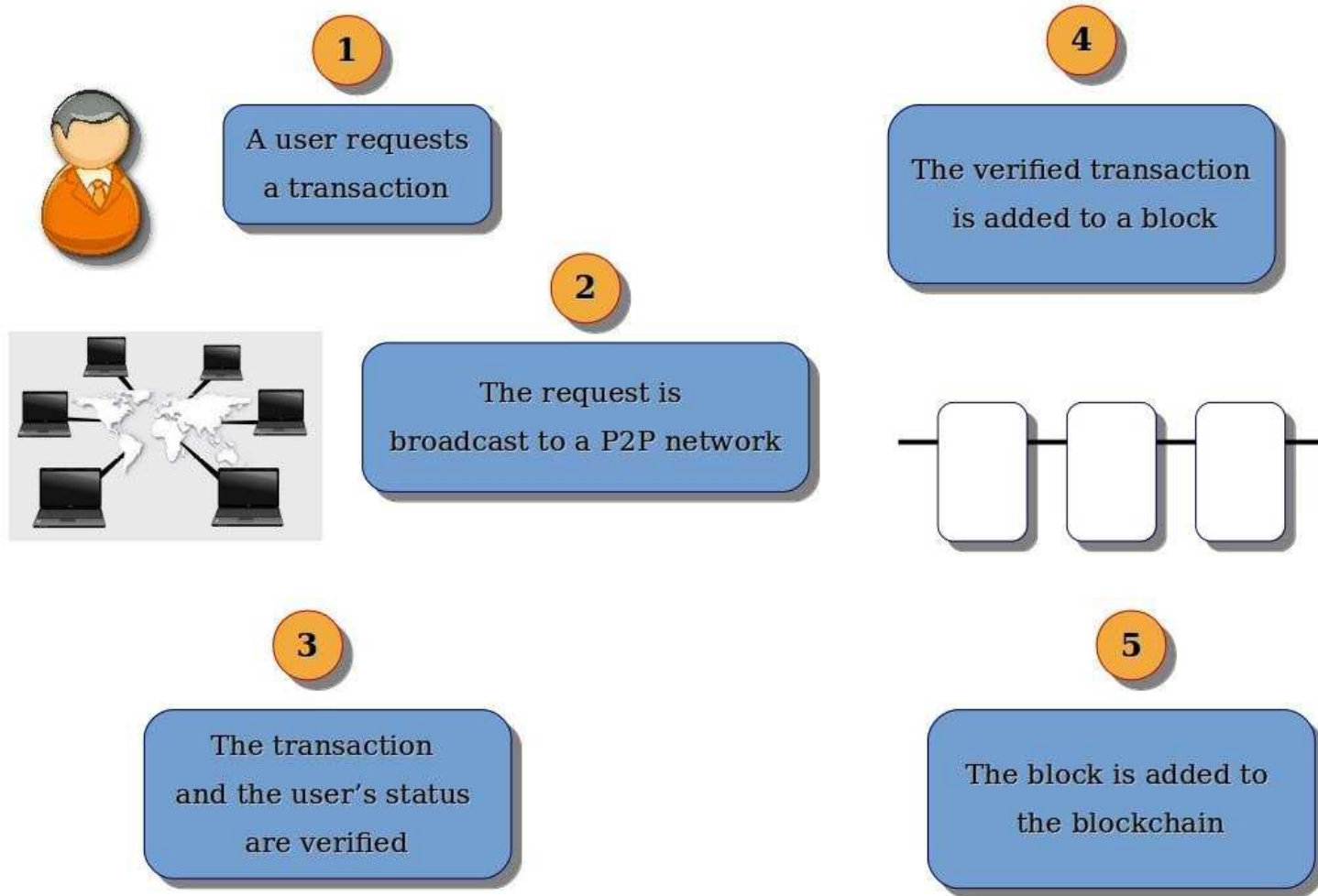


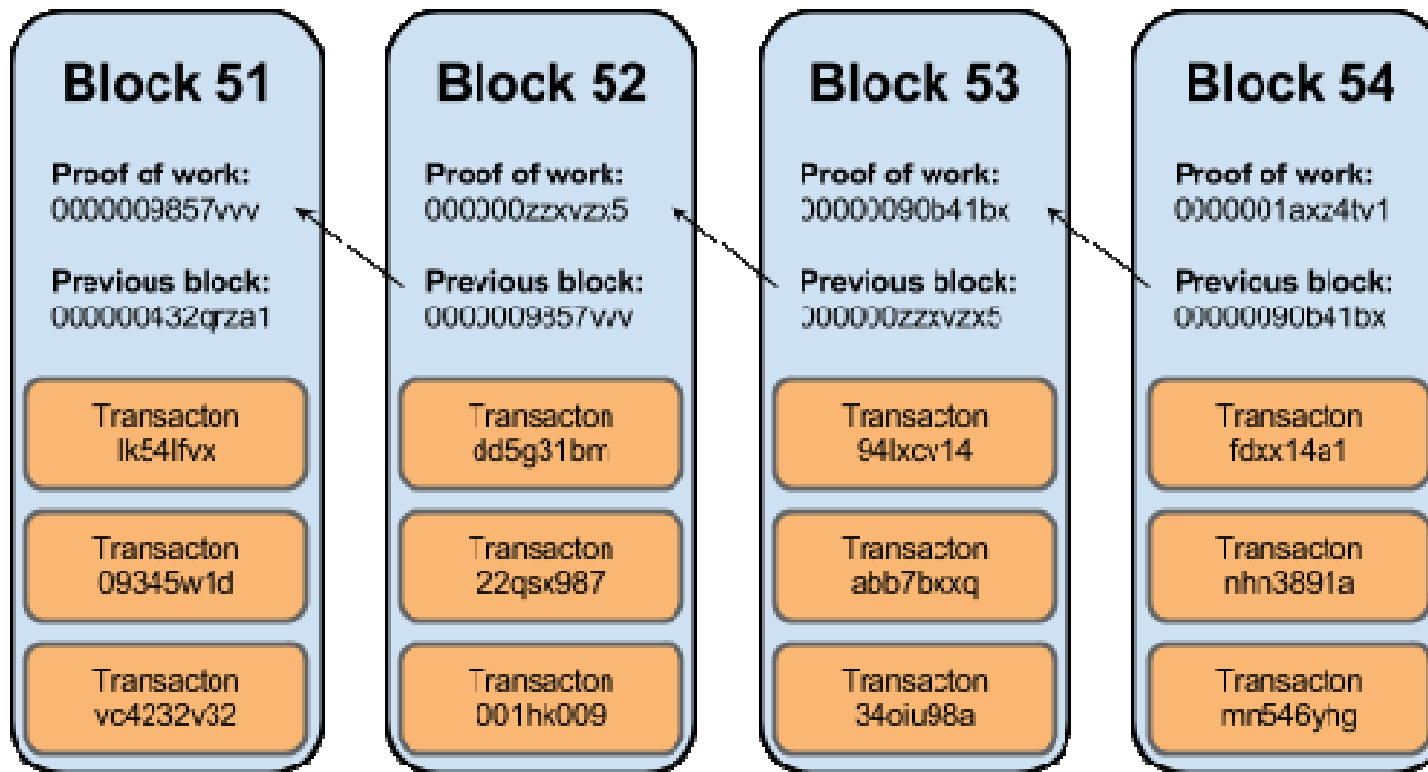
**BLOCKCHAIN**



# IN<sup>2</sup> Disrupción







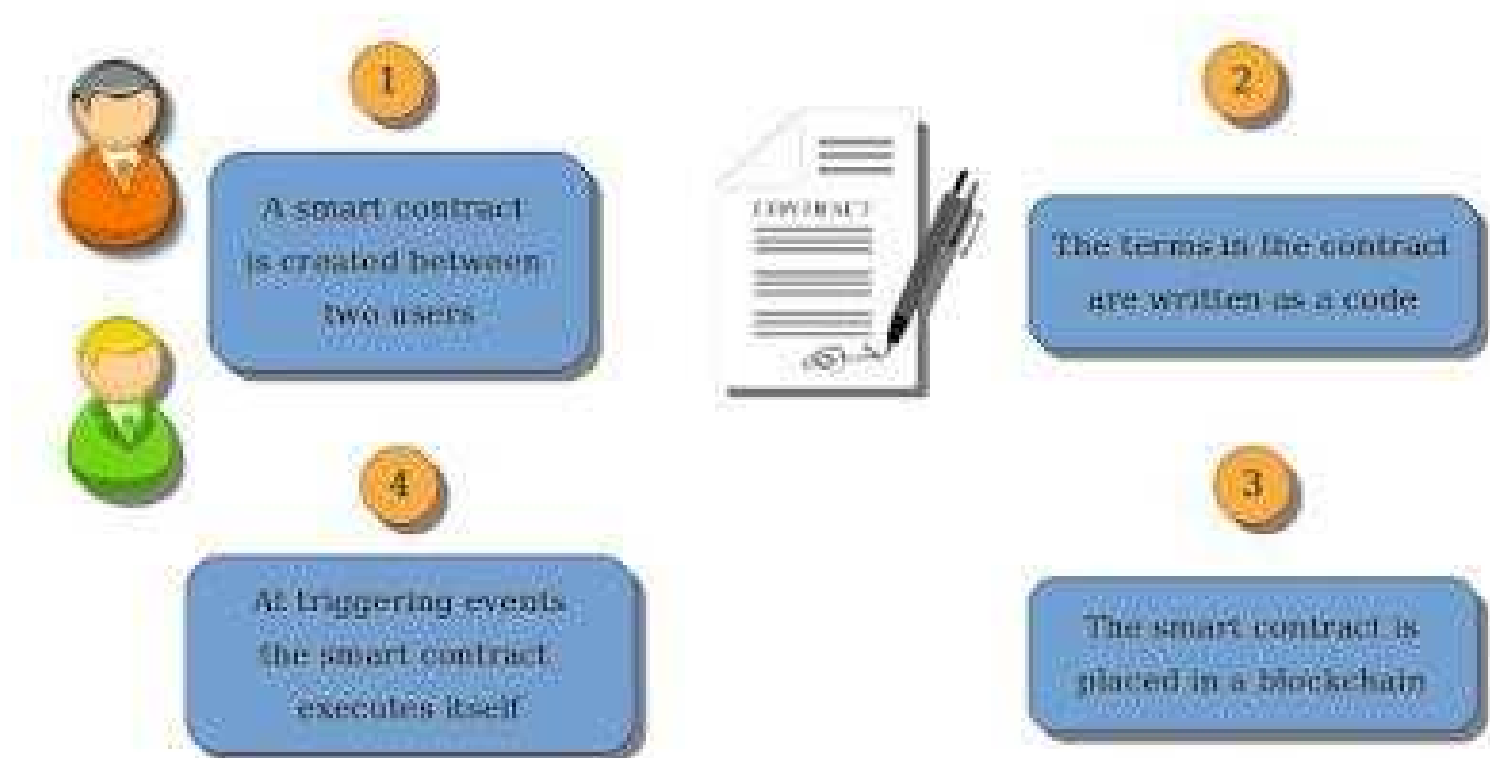
**more secure**

**less secure**



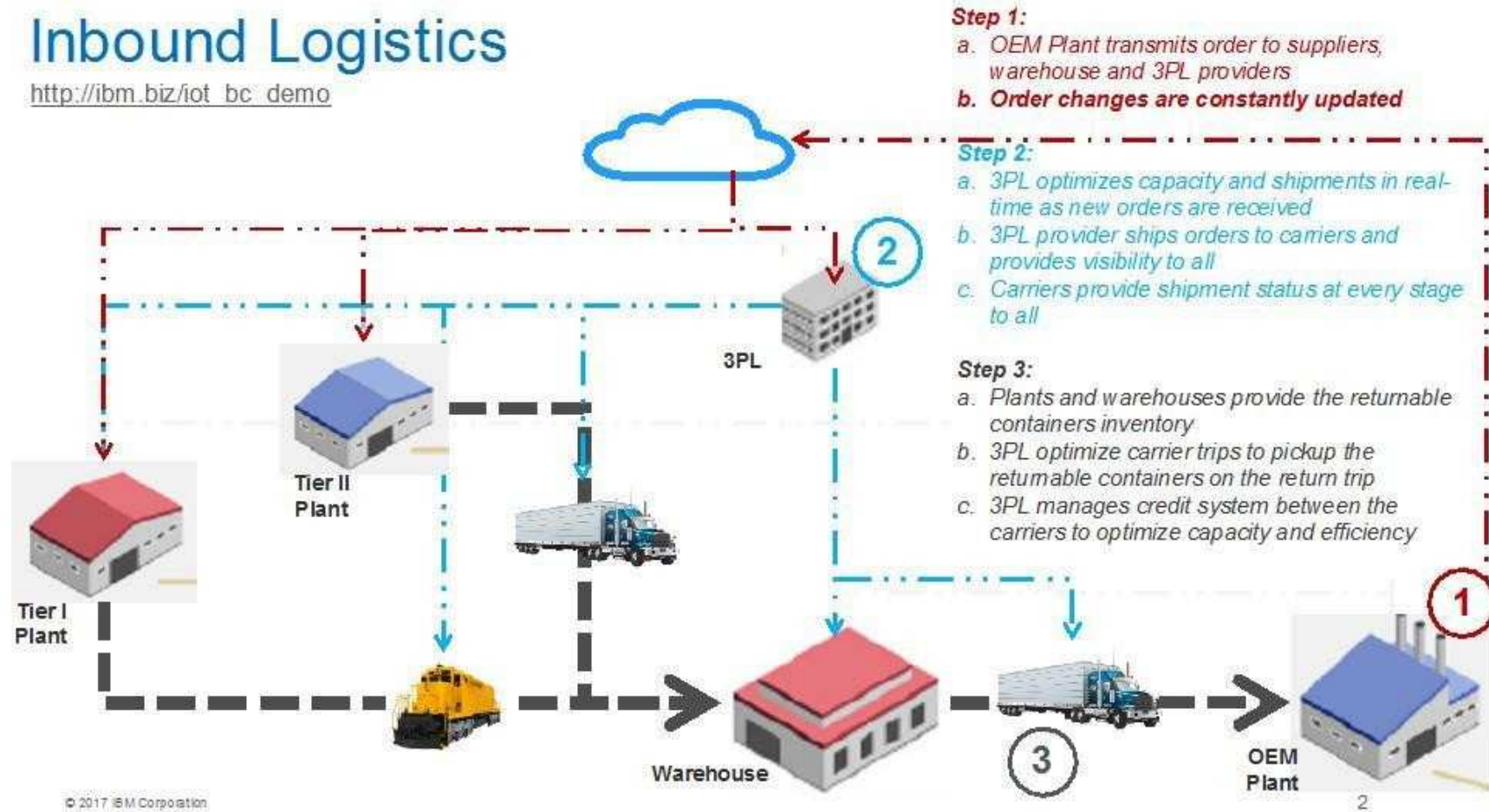
Blocks are "more secure" as you go further back in the chain

## Smart Contracts



# Inbound Logistics

[http://ibm.biz/iot\\_bc\\_demo](http://ibm.biz/iot_bc_demo)

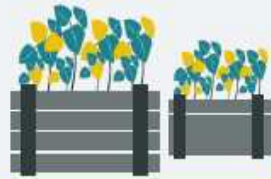


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# IN<sup>2</sup> Casos de uso

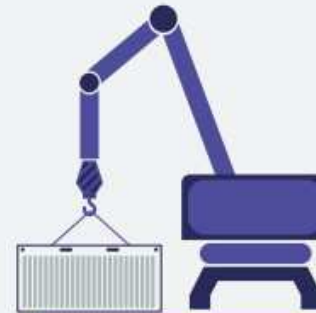
Blockchain—a shared, distributed ledger—can trace the container's path through the supply chain with exceptional transparency and security.



The flower grower readies the product for international shipment. Shipment information is added to the blockchain.



As the container awaits transfer to port, officials submit approvals electronically. Blockchain confirms the transaction and executes a smart contract, releasing the shipment.



The container is loaded onto the ship.



All parties have end-to-end visibility of the container's progress through the supply chain.

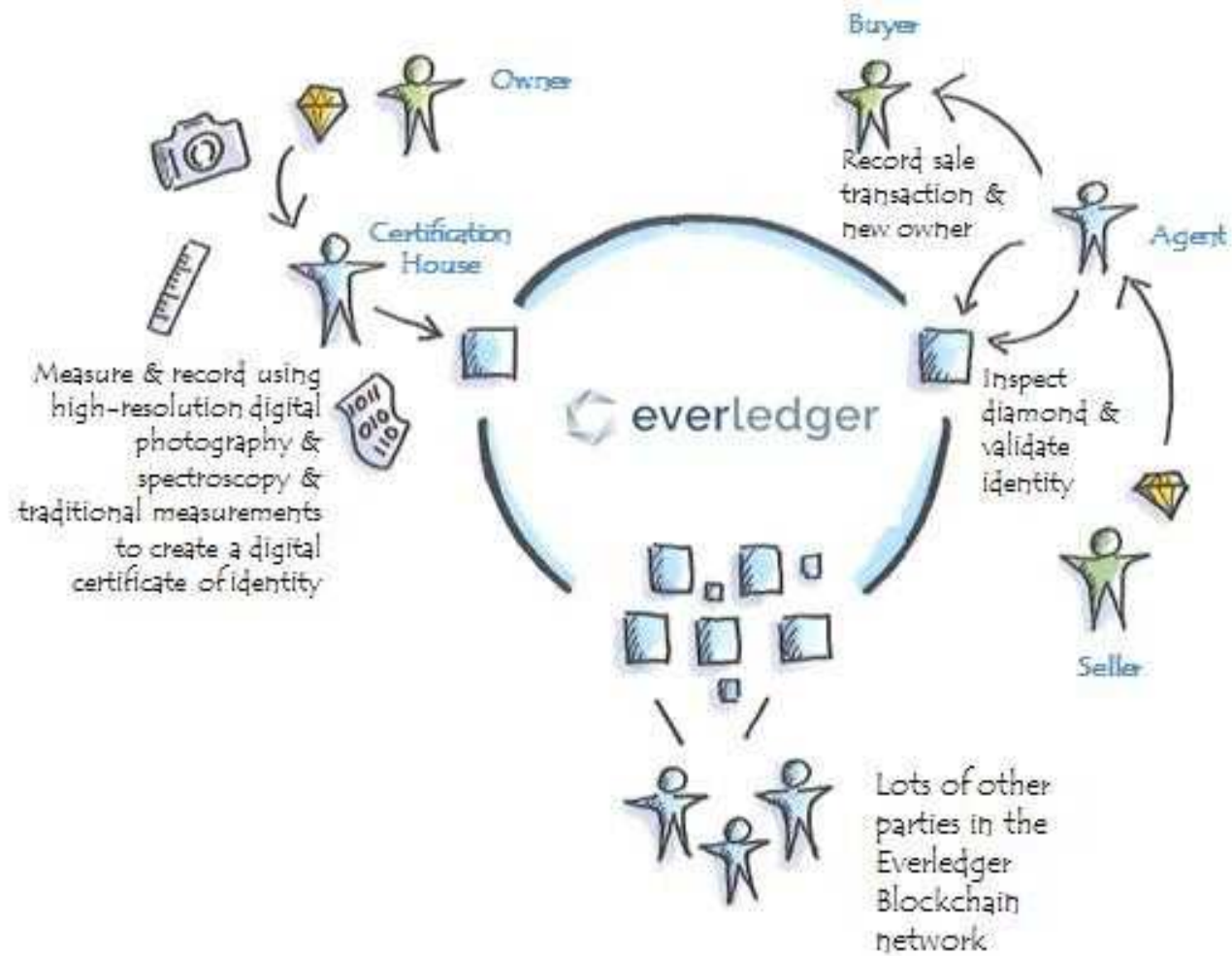


The container arrives at the destination port and clears customs.



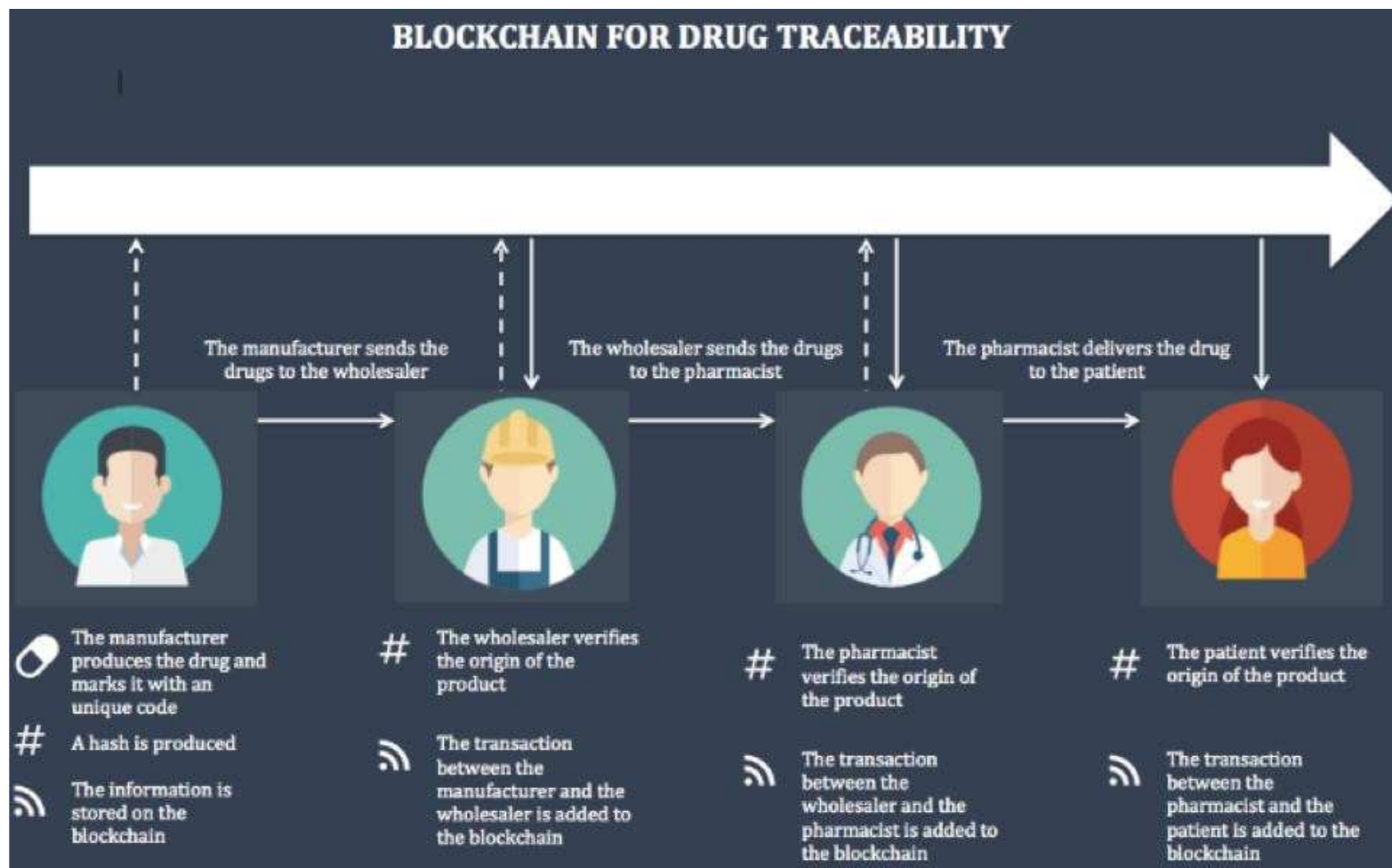
Retailer receives the flowers on time and signs electronically. Information is relayed back to the blockchain.







ALASTRIA





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## healthcare

Estonia's healthcare system has been revolutionized by innovative e-solutions. Patients and doctors, not to mention hospitals and the government benefit from the convenient access and savings that e-services have delivered.

Each person in Estonia that has visited a doctor has an online e-Health record that can be tracked. In order to keep health information completely secure and at the same time accessible to authorised individuals, the electronic ID-card system uses KSI Blockchain technology to ensure data integrity and mitigate internal threats to the data.

[e-Health Records](#) [e-Prescription](#)

95%	97%	500,000	100%
of health data digitized	of prescriptions are digital	queries by doctors every year	electronic billing in healthcare



## *Blockchain y salud. Qué más...*

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- **Improvement and authentication of health records** and protocols on record sharing.
- **Smart contracts** where certain rule-based methods are created for patient data access. Here, permissions can be granted to selected health organisations.
- **Clinical trials** where altering or modifying data from clinical trials fraudulently can be eradicated.
- **Precision medicine** where patients, researchers and providers can collaborate to develop individualised care.
- **Genomics research** via access to genetic data secured on blockchain
- **Electronic health records (EHRs)**
- Nationwide **interoperability**

# (IN<sup>2</sup>)



*Make IT easy*



Organitza:



Amb el suport de:

