

# MERCOSUR BLOCKCHAIN

## b-Connect Project



## b-CONNECT

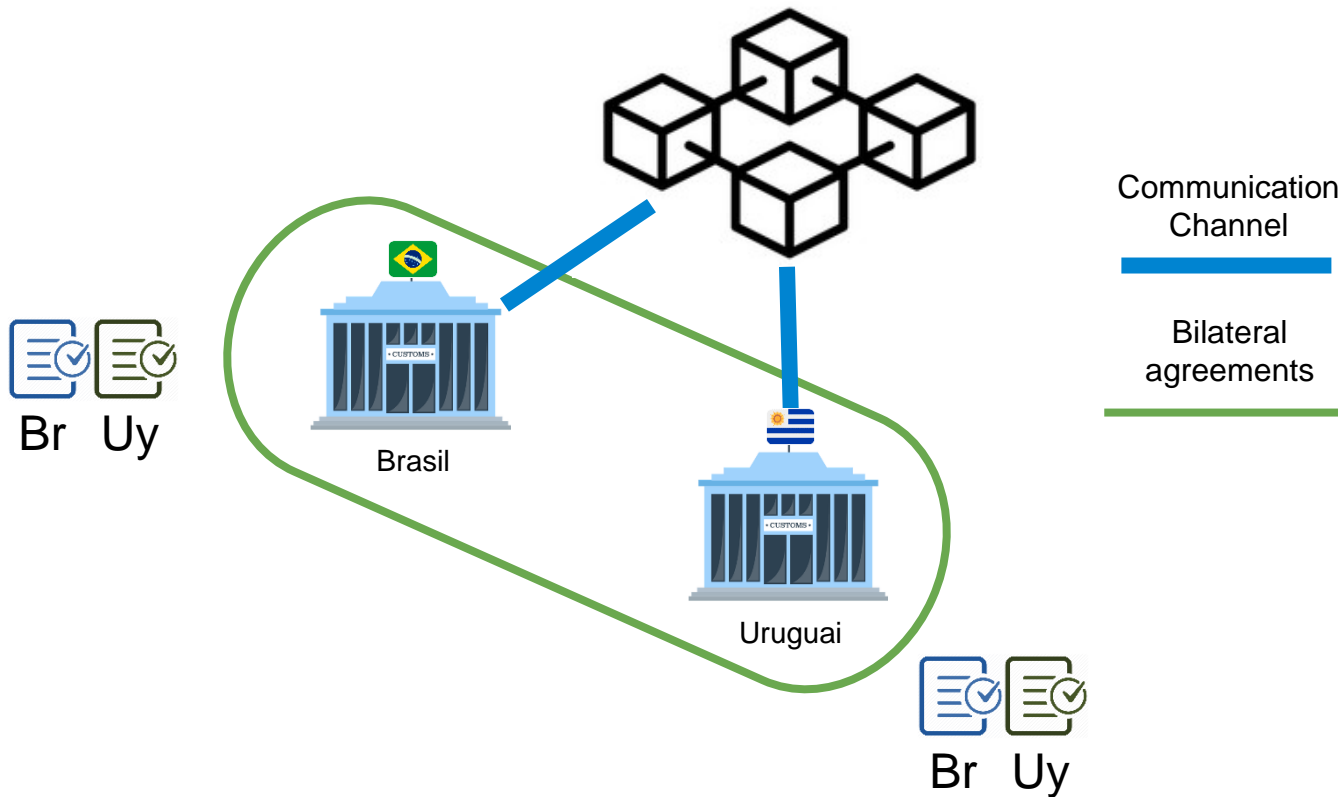


### Details

- It's a Blockchain implementation, according WCO directives;
- It's a federative network, data and the network itself belongs to all;
- Resilient and trustable network;
- Use only WCO Data Model Packages;
- Blockchain is a Digital Ledger: data are permanent and the "net" itself contains the log information: who / what / when about every transaction;
- Each Bilateral Agreement is represented by a Smart Contract;
- Fast and Secure;
- An independent layer: any system could be "plugged", sending and receiving data packages as needed;

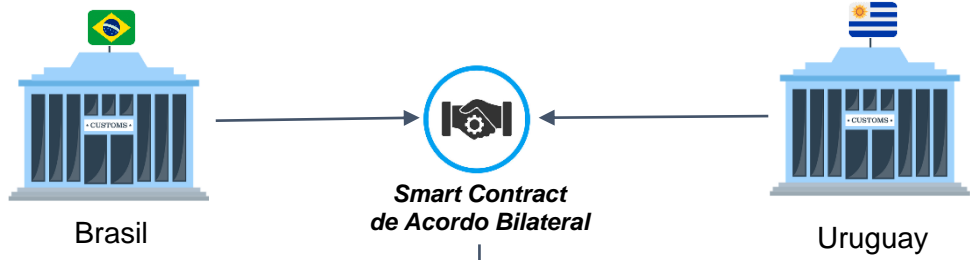
# Step 1a Bilateral Agreement BR-UY

## b-CONNECT



# Step 2a Smart Contract BR-UY

## b-CONNECT



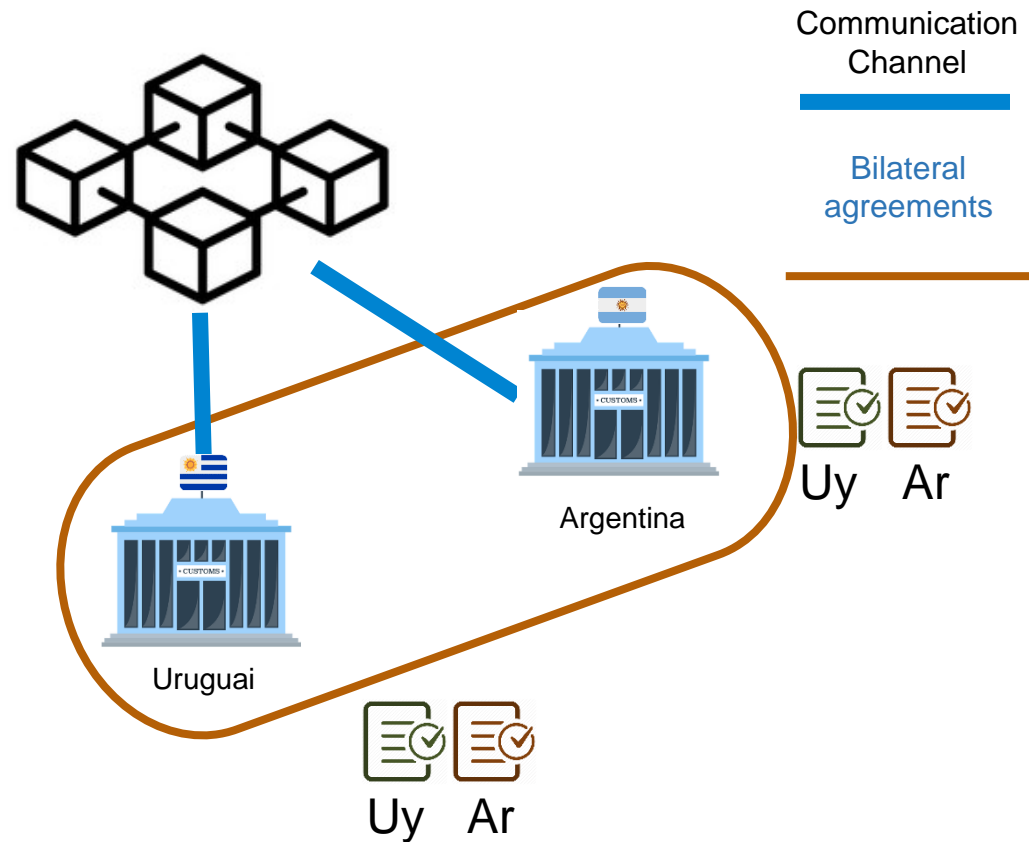
**Agreement**

- Participants:
  - BR, UY
- Signatures:
  - BR UY



# Step 1b Bilateral Agreement AR-UY

## b-CONNECT



# Step 2b Smart Contract AR-UY

## b-CONNECT



**Agreement**

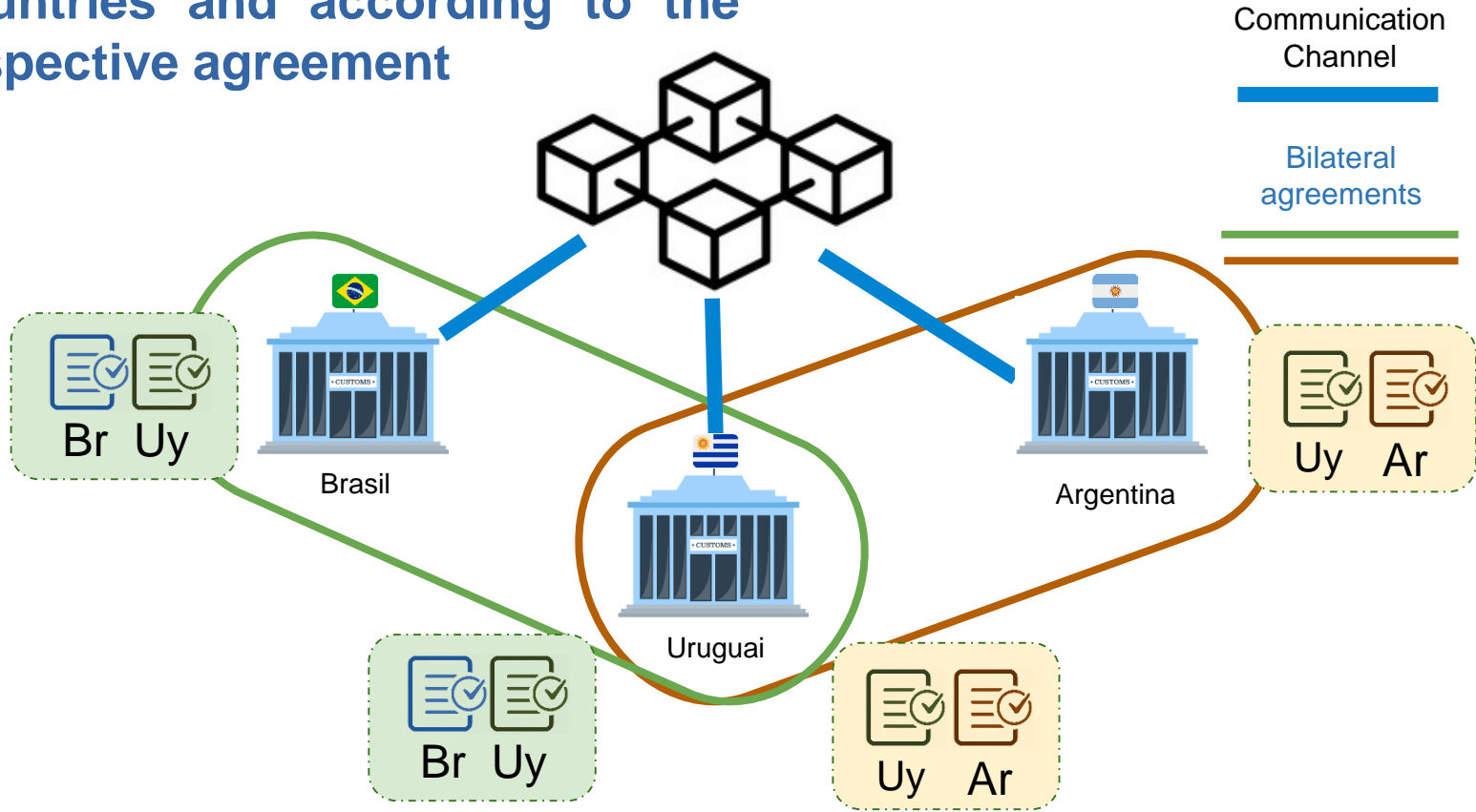
- Participants:
  - UY, AR
- Signatures:
  - UY, AR



## PERMISSIONED BLOCKCHAIN

Data flows through an encrypted tunneling channel, between countries and according to the respective agreement

# b-CONNECT

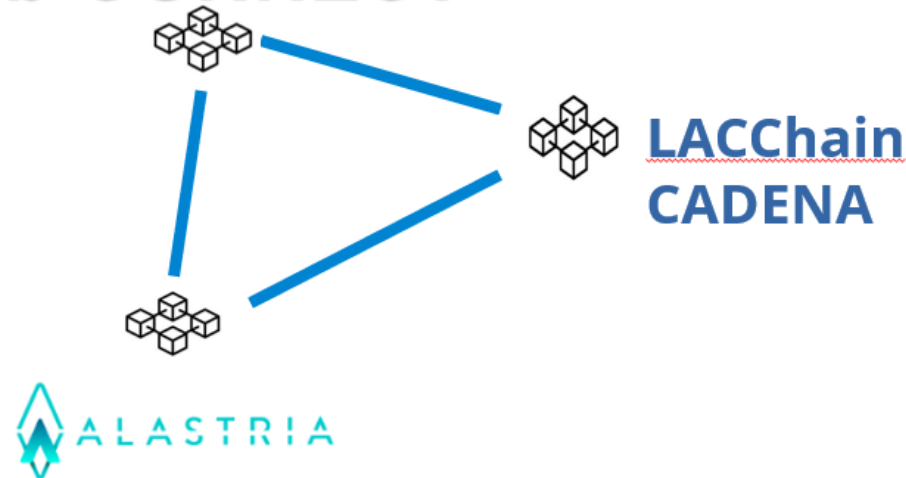


## b-CONNECT



- Blockchains interoperability
- Massive Data Exchange - Risk Management

## b-CONNECT





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# Obrigado! Thanks! Merci! Gracias!

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