



# Netherlands Food and Consumer Product Safety Authority

**(NVWA)**

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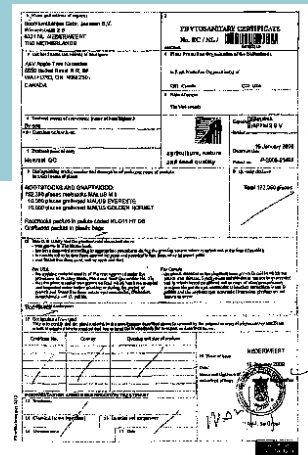
**UNCEFACT April 2016**



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# Electronic certificate

*An electronic SPS certificate is the electronic equivalent of a paper SPS certificate, containing the same information and giving the same guarantee*



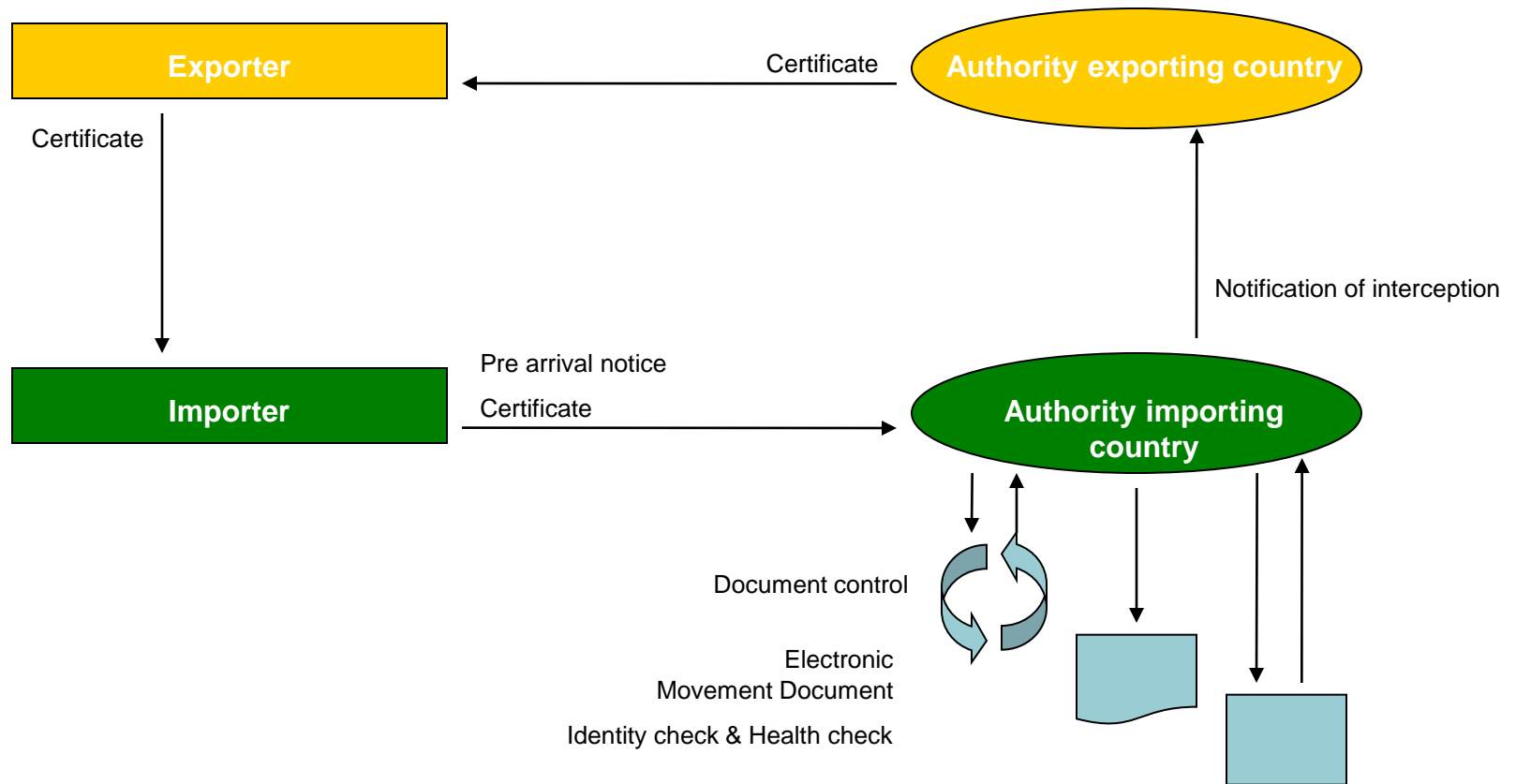


# 1. What is electronic certification

- *Certification data*
- *Transmitted electronically*
- *Security*
- *Authenticity*
- *From government to government*

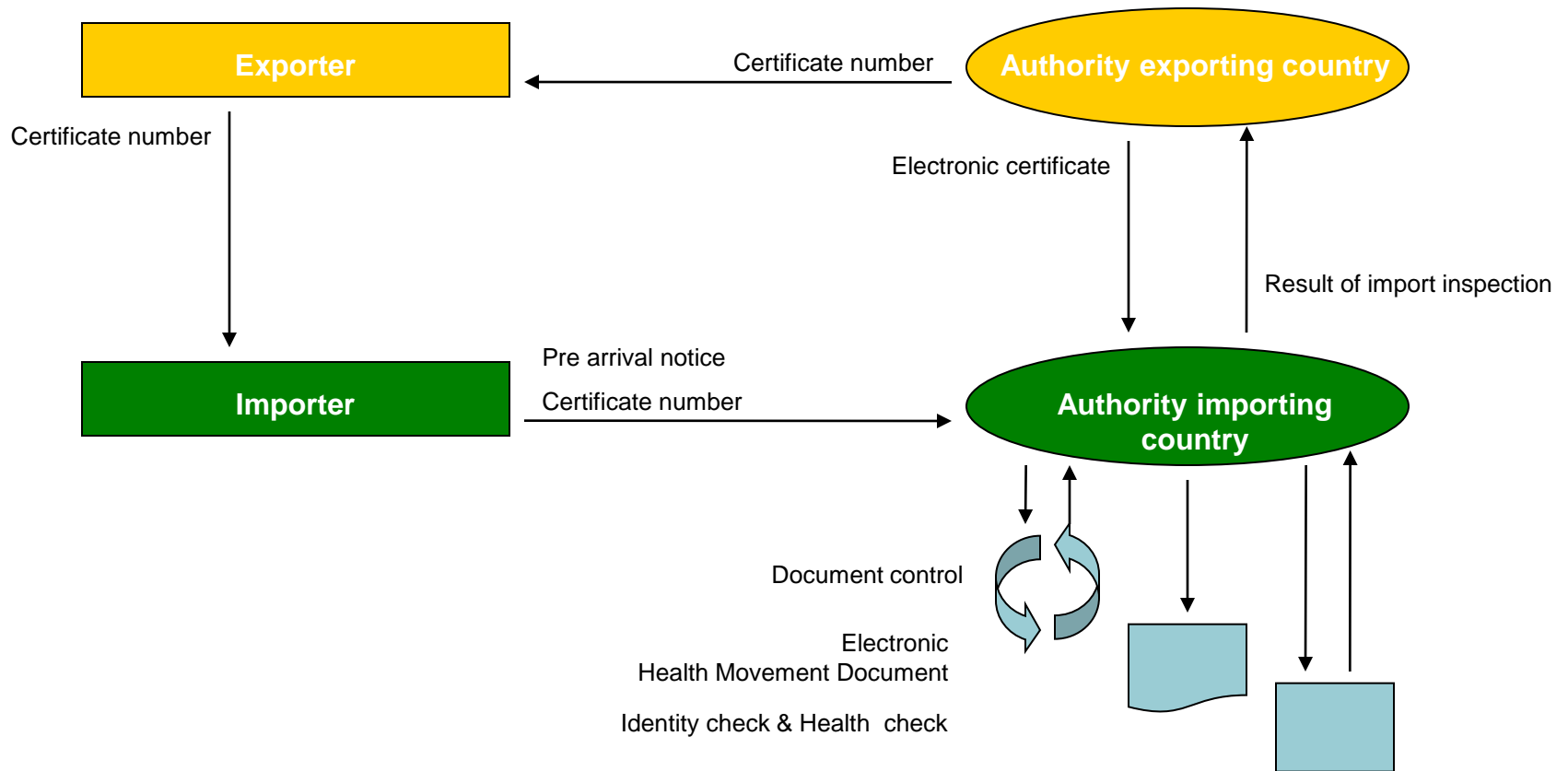


# Health certificate





# SPS certificate





## 2. What is NOT considered electronic certification

- Text processing or other electronic generation of paper forms
- Transfer of electronic version of a paper certificate (e.g. pdf)
- National electronic system to facilitate certification





### 3. Benefits of electronic certification

- Enter data only once
- Re-use of data (single window)
- (In the End) No paper anymore
- Less fraude
- Less mistakes
- Easier and faster replacement

BUT: global harmonisation needed





## 4. How does it work?

- XML language, communication between computer systems
- All certificate elements in the XML message
- Secure transmission between NPPOs

# XML message



- `<SPSExchangedDocument>`
- `<Name>Phytosanitary Certificate</Name>`
- `<ID>KEPHIS/677636/2010</ID>`
- `<IssuerSPSParty>`
- `<Name>Kenya Plant Health Inspectorate Service (KEPHIS)</Name>`
- `<TypeCode>National Plant Protection Organisation</TypeCode>`
- `</IssuerSPSParty>`
- `<RecipientSPSParty>`
- `<Name>Ministry of Economic Affairs, Agriculture and Innovation</Name>`
- `<TypeCode>Ministry</TypeCode>`
- `</RecipientSPSParty>`
- `<RecipientSPSParty>`
- `<Name>Food and Consumer Product Safety Authority (VWA)</Name>`
- `<TypeCode>National Plant Protection Organisation</TypeCode>`
- `</RecipientSPSParty>`
- `<Description>Cut flowers</Description>`
- `<CommonName>Rose</CommonName>`
- `<ScientificName>Rosa spp.</ScientificName>`
- `<NetWeightMeasure unitCode="NA">109,460</NetWeightMeasure>`
- `<ApplicableSPSCClassification>`
- `<SystemName>Commodity Class of the product</SystemName>`
- `<ClassName>120: Other living plants: Cutflower and branches with foliage</ClassName>`
- `</ApplicableSPSCClassification>`
- `<ApplicableSPSCClassification>`
- `<SystemName>Intended end use of the product</SystemName>`
- `<ClassName>Consumption</ClassName>`

1 Name and address of exporter		2 <b>PHYTOSANITARY CERTIFICATE</b> No. EC / NL /  <small>ORIGINAL</small> <small>ORIGINAL</small>	
3 Declared name and address of consignee		4 <b>Plant Protection Organization of the Netherlands</b> to Plant Protection Organization(s) of	
5 Declared means of conveyance		6 Place of origin	
7 Declared point of entry		 <b>agriculture, nature and food quality</b>	
8 Distinguishing marks, number and description of packages; name of product; botanical name of plants		9 Quantity declared	
10 This is to certify that the plants, plant products or other regulated articles described herein: — have been inspected and/or tested according to appropriate official procedures, and — are considered to be free from the quarantine pests specified by the importing contracting party, and — are considered to conform with the current phytosanitary requirements of the importing contracting party, including those for regulated non-quarantine pests.			
11 Additional declaration			
<b>DISINFESTATION AND/OR DISINFECTION TREATMENT</b> 12 Treatment 13 Chemical (active ingredient)      14 Duration and temperature 15 Concentration      16 Date 17 Additional information		18 Place of issue Date: Name of authorized officer:      Stamp of Organization:	

<Name>Phytosanitary certificate<Name>

<ID>EC/NL/04026805<ID>

<IssueDateTime>2011-07-20<IssueDate Time>

<IssuerSPSparty>

<Name>Plant Protection Organization of the Netherlands<Name>

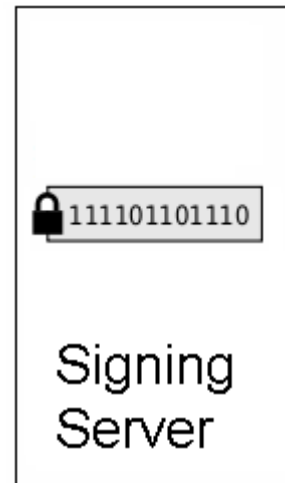
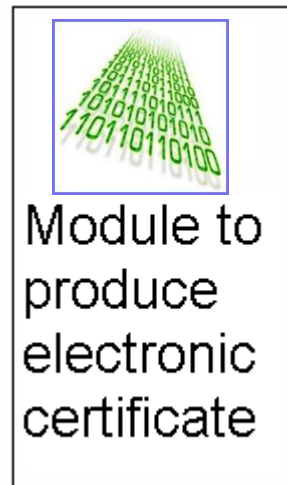
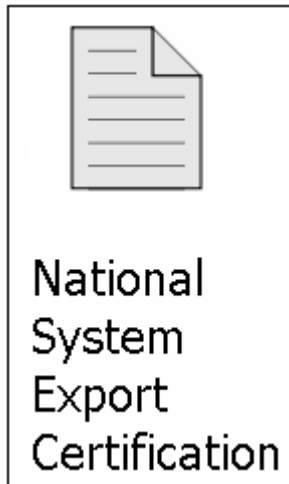
<RecipientSPSparty>

<Name>APHIS<Name>

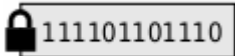
<Description>Cut flowers<Description>

<ScientificName>Rosa spp.<ScientificName>

# Exchange mechanism



Electronic certificates issued in Exporting country



Certificate  
Mastering  
System



Verification

Document  
check

National  
system  
import



Electronic certificates received in Importing country



## Scenario's : what can you do with e-cert data

1. Print the E-cert data and compare with the data in the Paper certificate

- Minimal Change to IT & Procedures
- Reduction to fraude
- Extra work



## Scenario's : what can you do with e-cert data

### 2. Use the E-cert data in the Import System to support the Import Process

- Medior Change to IT & Procedures
- Reduction to fraude
- More efficient (all data is available to all inspectors and earlier in the proces)
- Better risk analysis





## Scenario's : what can you do with e-cert data

3. Process the E-cert data in the Import System to perform automatic checks and risk analysis

- Maximum Change to IT & Procedures
- Reduction to fraude
- More efficient (Inspections can be partly done automatically )
- Better risk analysis



## Scenario's : what can you do with e-cert data

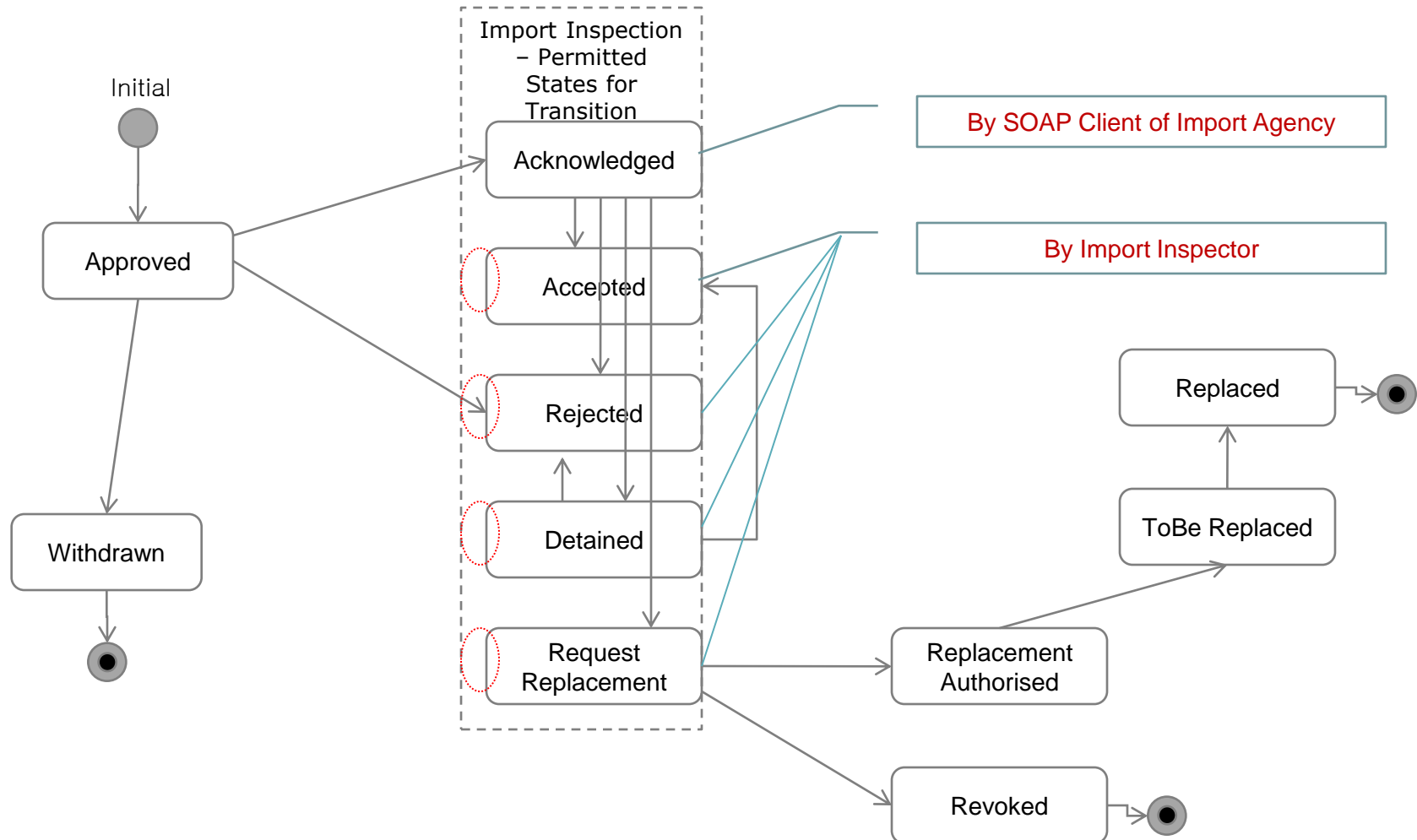
### 4. Use the E-cert data in the Import System as an legal alternative for paper (paperless)

- Maximum Change to IT & Procedures, additional change of law
- Best protection against fraude
- Most efficient (Authenticity check automatically, Inspections can be partly done automatically )
- Additional security required (Digital Evidence)

# II. Business Process



## Status Transition





Questions ?

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