



**Maahanmuuttovirasto**  
**Migrationsverket**  
**Finnish Immigration Service**





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# Data driven approach to automating permit and citizenship processes at the Finnish Immigration Services

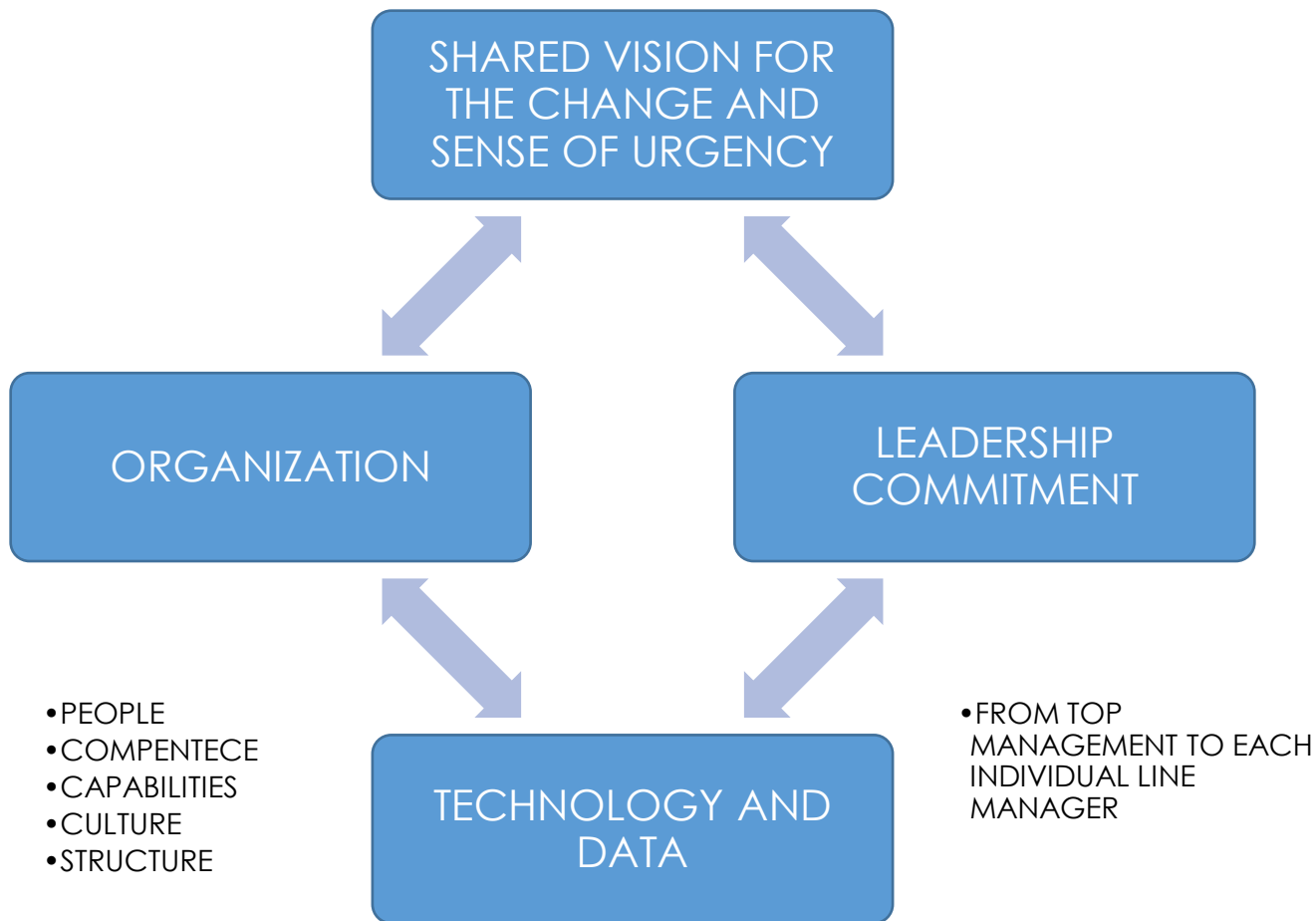
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20.9.2022 – Niklas Hämäläinen

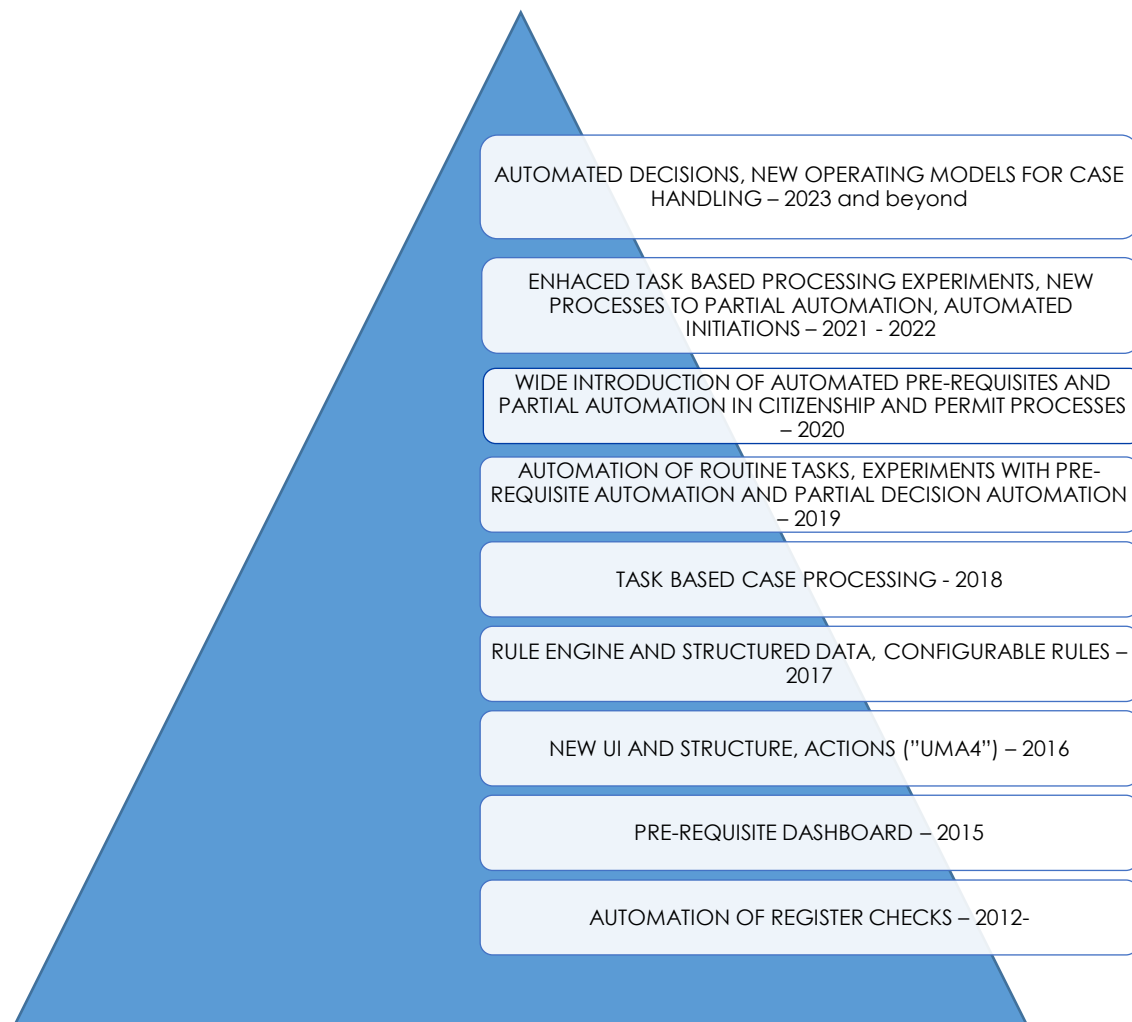
# Objectives behind the development of automation



# Digital transformation requires capabilities, readiness and commitment



# Development of automation



## Where do we gather our data

### UMA

- Electronic case management system
- Previous applications
- Employer register
- Customer data

### Integrations

- Over 10 automatic registry checks are run in every case
- Police's case management system, Population information system, Student register, SIS II, National Certificates of Language Proficiency, Company's obligation compliance report, Social support register, Income register (2022)


### Enter Finland

- Electronic web service Enter Finland
- Application forms
- Employer forms
- Notes from initiation



# Integrations

- Over 10 automatic registry checks in every case
- Most used integrations
  - Police's case management system
  - Population information system
  - Student register
  - SIS II
  - National Certificates of Language Proficiency
  - **Company's obligation compliance report**
  - Social support register
  - Income register (2023)
- The results of every registry checks are analyzed automatically
  - Only if there are something discretionary in the results, they need to be evaluated manually

 VHS-edellytys

Log

08.09.2022 09:51

Fullfilled - automatic

Employer's main industry: Labor hire

The employer is in the trade register

The employer is liable for VAT

The employer has no deficiencies in the tax declaration

Amount of the employer's overdue taxes and payments less than 1000 euros  
Amount of overdue taxes and fees: 0 euros

Amount of the employer's tax liability is less than 1000 euros  
Amount of tax debt: 0 euros

The employer has not been awarded damages based on the judgment

The employer has valid insurance policies

Amount of customs duties due does not exceed 1000 euros  
Amount of customs duties due: 0 euros

## Enter Finland

- Enter Finland is an electronic web service, which was first taken into use in 2013.
- The aim of Migri is to have Enter Finland as the main channel for applications and other communication.
- Enter Finland is used by both applicants and employers.
- The data received from Enter Finland is transferred to electronic case management system UMA, where it is used in automatic decision-making and prerequisite checks.



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Choose an application below: \_\_\_\_\_

### First residence permit

When you do not have a residence permit and you plan to move to Finland.

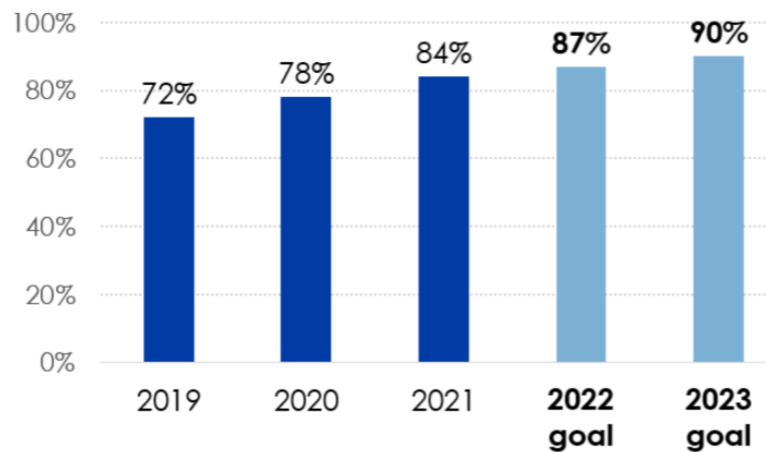
### Extended residence permit

When your residence permit is about to expire.

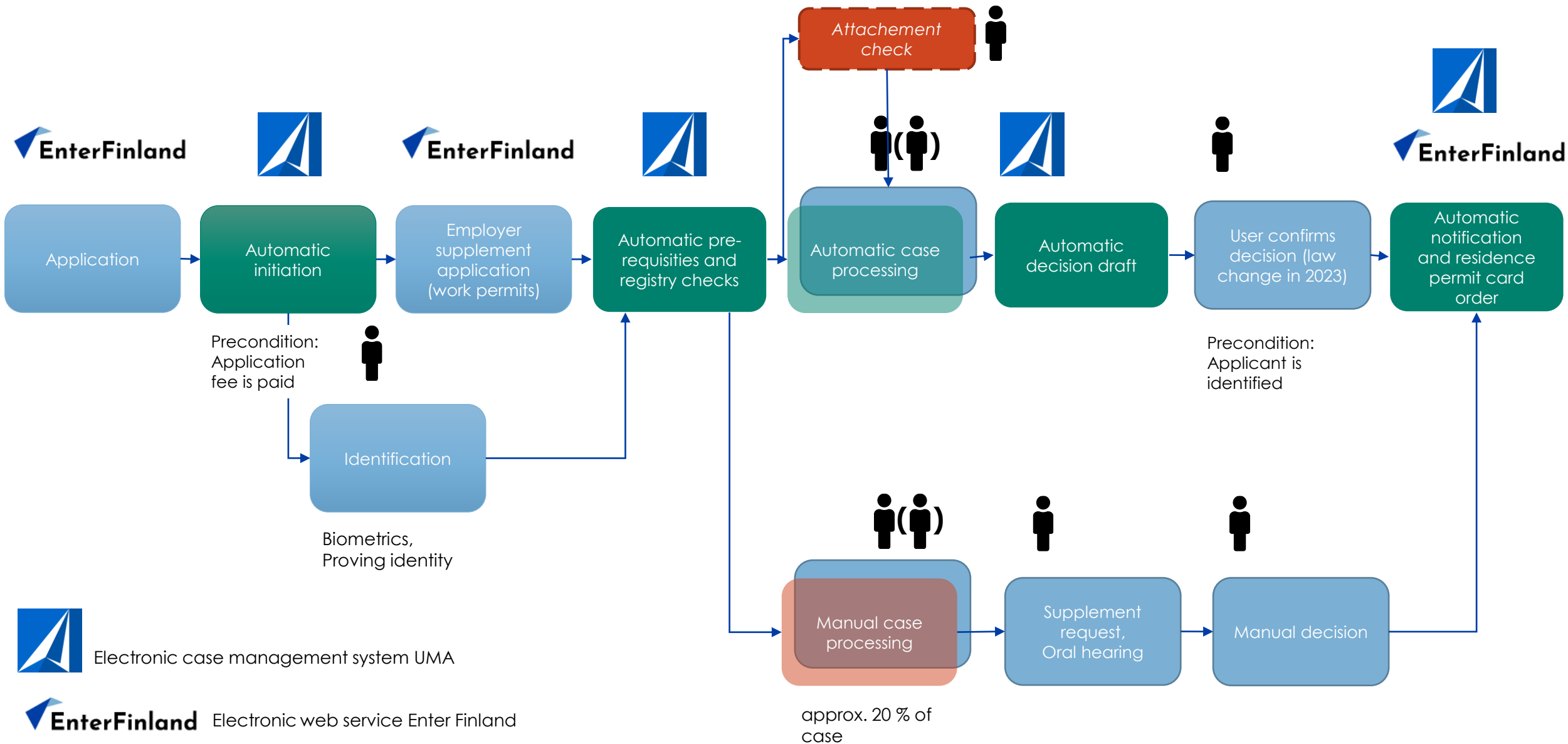
### Permanent residence permit

When you want to apply for a permanent residence permit.

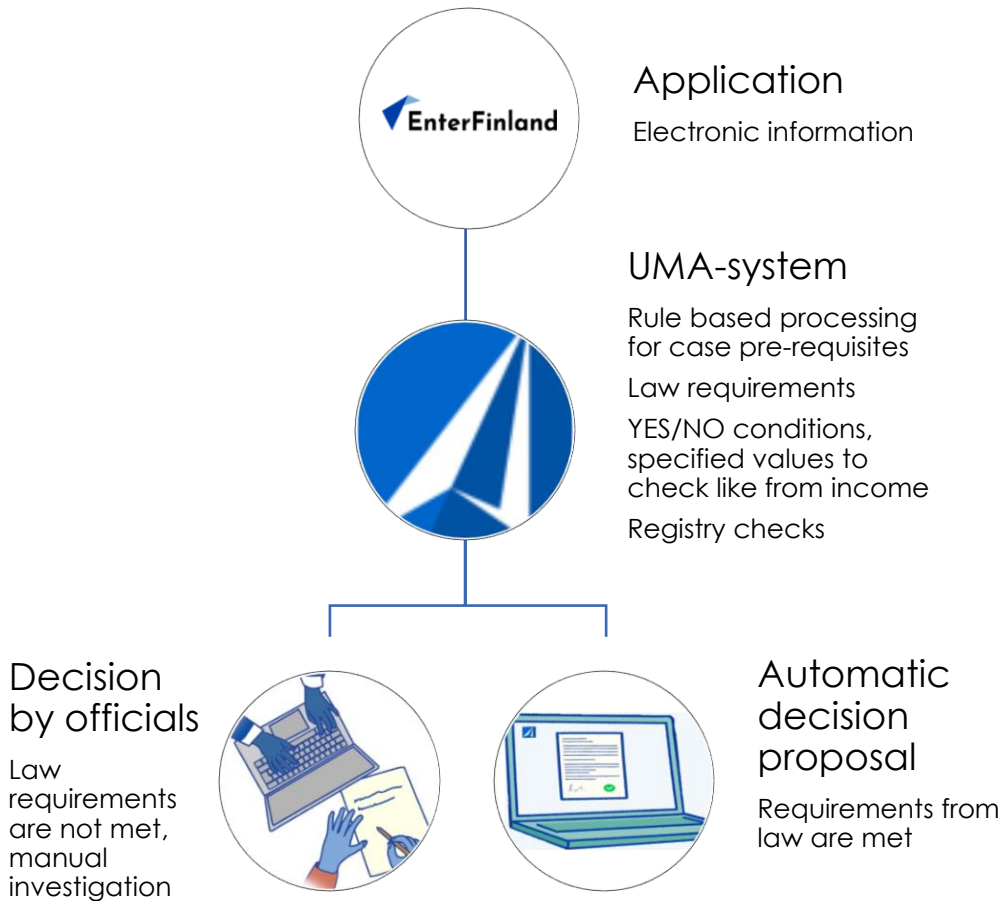
**Online applications' percentage in the application types, which can be applied online**



# Operating model for case handling

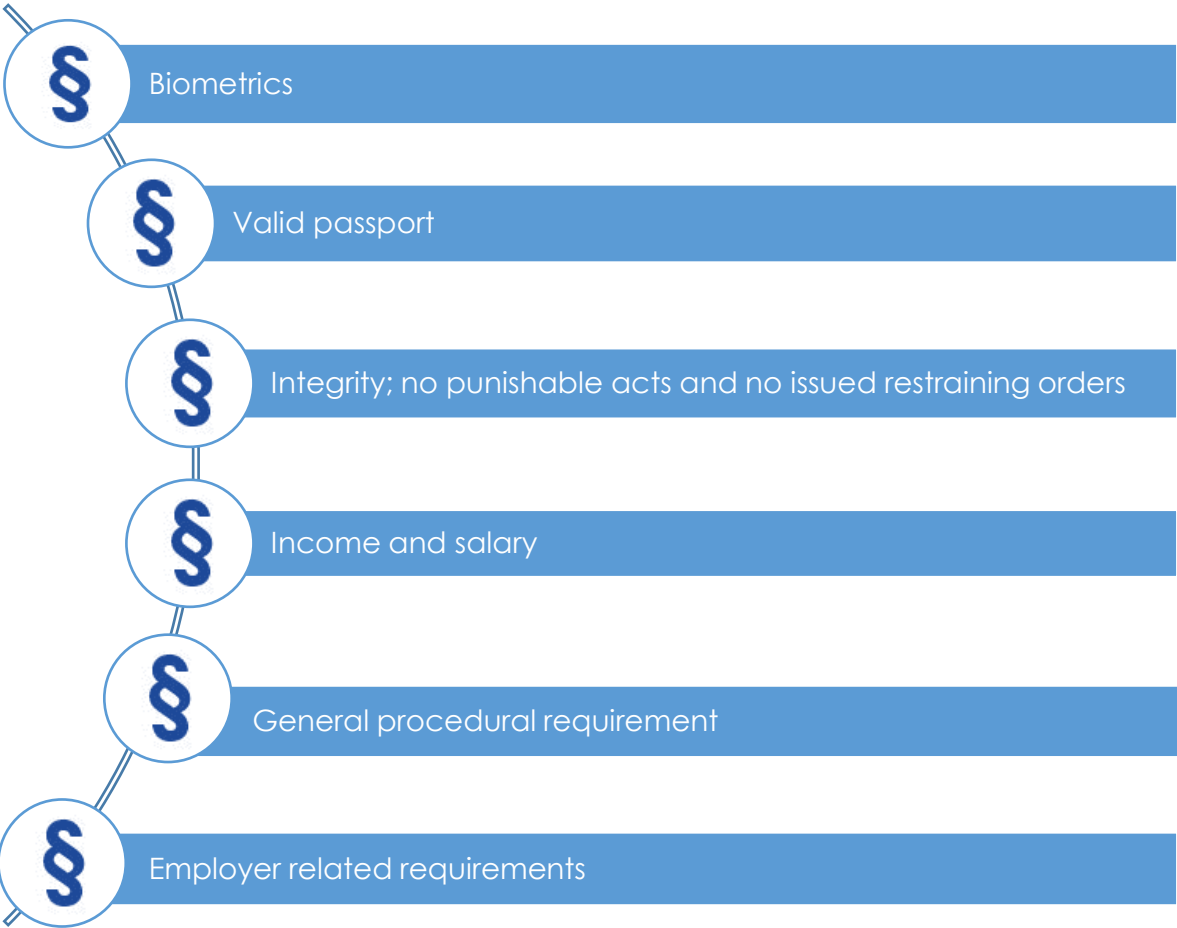
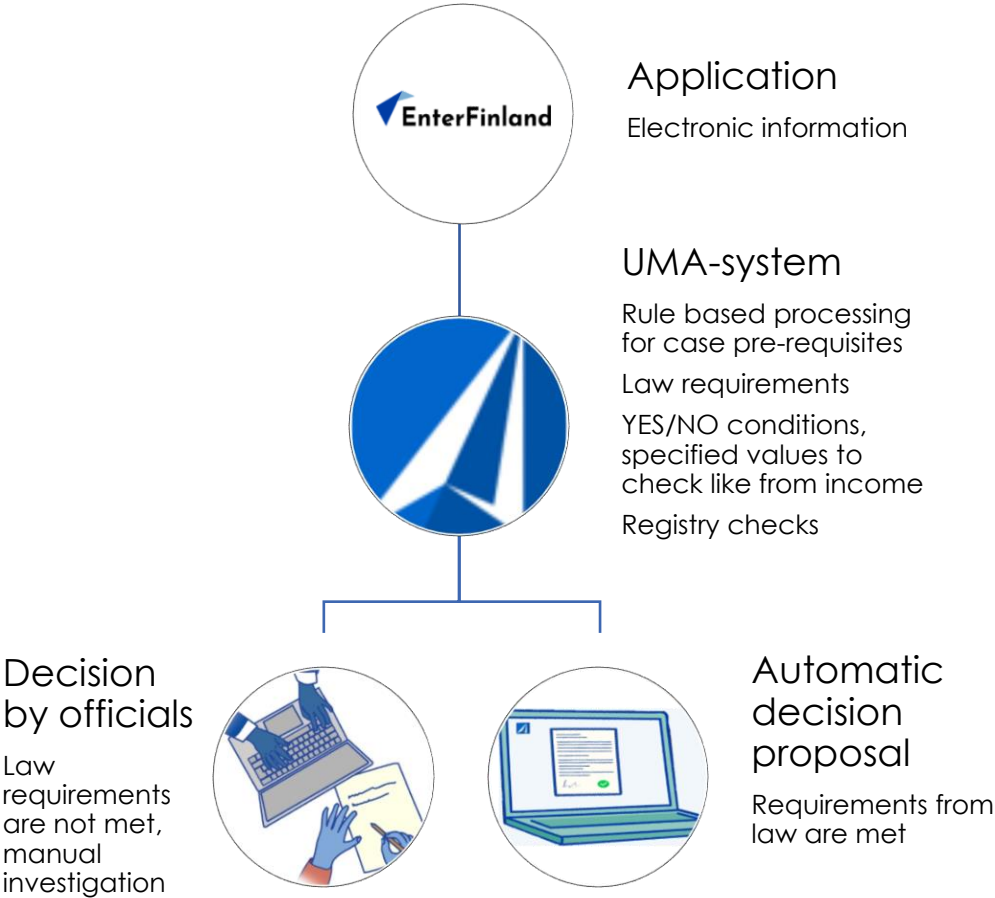


# Case example: Citizenship application




- § General requirement (age); Establishment of identity
- § Language skills
- § Period of residence in Finland
- § Integrity; no punishable acts and no issued restraining orders
- § Payment obligations are met
- § Means of support

# Case example: Special expert



## UMA in numbers



 32 000

Measures per day  
(> 11 000 automatic per day)



2300

Daily users  
(>8000 unique users this year)



35

Integrations



16 500

Customers visiting Enter Finland  
daily



> 230 000

Automatic pre-requisite  
calculations per day



22 462

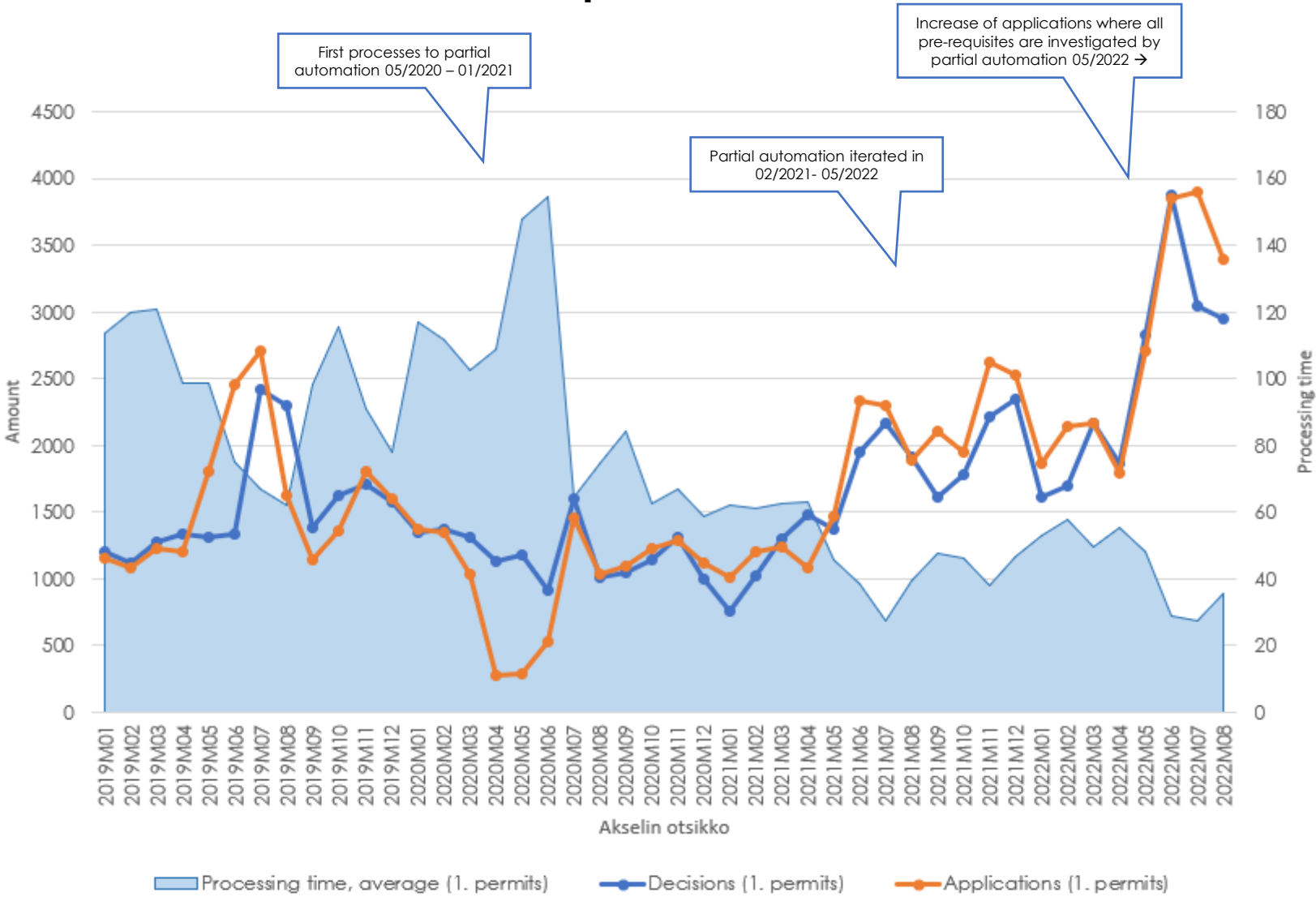
Amount of data in UMA  
database (gigabytes)



> 6 000 000

Automatic rule evaluations  
per day

# Case example: Impacts of automation to first study and work permits



Applications  
**+74%**  
1-8/22 vs. 1-8/21



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# **Thank you!**

Migri.fi

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