



**REVENUE
SERVICE**

AI – Customs Clearance Georgia Experience



European Bank
for Reconstruction and Development



Investors Council



Background

500

Customs officers work on different processes.

170,000
30,000

Total Hours for Export and Import per year
For Export

27%

Growth in declarations volume

>29,000

Certificates of origin
CT-1 forms

> 250,000

Export and import declarations per year

20

Minutes per export declaration



Impacts of digitalization on indicators

1

Customs Declarations for export;
Number > 53000;
Growth rate 27%

Before:

- ✓ Time per declaration **20 min**
- ✓ Human resource > **30 000** hours per year

After:

- ✓ Time per declaration: **3 min**
- ✓ working hours saved per year **27 000**
- ✓ **75%** declarations - no human involvement

2

Certificates of origin;
Number > 29 000;
Growth rate 27%

Before:

- ✓ Time per certificate - 10 minutes
- ✓ Human resource > **3 000** hours per year

After:

- ✓ Time per certificate: 1.5 min
- ✓ working hours saved per year **2 500**
- ✓ **80%** of CT-1 forms – no human involvement

3

Assessment of tax liabilities
for “yellow channel” goods;

Before:

- ✓ Service - working hours
- ✓ Human resource - 4 full time employee
- ✓ Additional costs for SMS

After:

- ✓ Service - available **24/7**
- ✓ **No human involvement**
- ✓ **No additional costs for SMS**



Key Technologies and components



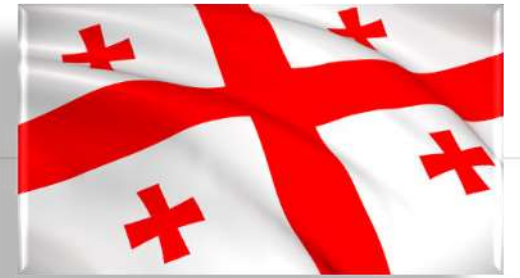
Completed Tasks:

- Document Identification* ●
- Data extraction from documents* ●
- Data input validation* ●
- *Completion of Customs Declarations for export goods* ●
- *Issuance/ Validation of certificates of origin* ●
- *Assessment of tax liabilities for “yellow channel”* ●
- Ui Application for HS-code validation*



Challenges during the implementation stage

- RPA and OCR software compatibility with existing systems
- Ability to scale as the business grows
- Adapting to the employees and customers with different levels of technical expertise
- Analog-to-digital conversion: 70% of documents – on paper.



THANKS FOR THE ATTENTION

მადლობა

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