



Automated Student Affairs Office Service for Digital Certificates and Signatures

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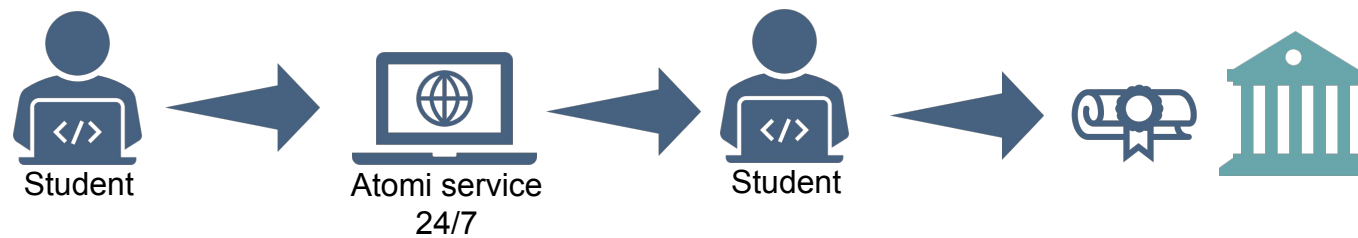
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Problem, Analysis, Solution

Process before Atomi ☹️



Process after Atomi 😊





Atomi - Automated Student Affairs Office service for Digital certificates and signatures

Oulu University of Applied Sciences (OUAS) started using the Atomi service in production at the beginning of 2019. At the first phase OUAS enabled students to take two different digitally signed self-service reports: transcript of records and study certificate. Based on the number of reports taken out of the system within the first month, it is expected that OUAS reaches the return of investment already six months after the deployment.

OUAS has calculated that previously the average time one report could be delivered to the students was approximately 5 minutes from the request. It was estimated that students need about 20 000 such reports per year that should be signed. Time to produce those reports manually required up to 100 000 minutes = 1666,7 hours = 222 days of organisation's own work per year. After the deployment of Atomi, that time can be used for other purposes since the students can take reports as a self-service - within the seconds.

OUAS will broaden the use of Atomi in becoming months by putting more self-service reports available for the students. In addition OUAS is considering starting to use Atomi also in degree certificates signatures thus proceeding completely to electronic certificates.



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Atomi - Automated Student Affairs Office service for Digital certificates and signatures

- Atomi is the most rapidly expanding digital signature service used in the Finnish HEI sector
- Launched in November 2018, purchased by 7 Finnish HEI's by the end of May 2019
- Key ideas:

Quickness / Self-service 24/7	Easy to use	Reliability	Validation	Persistence	Pricing
Couple of clicks has to be enough	Intuitive - no need for user training	E-signature certified by as trustworthy institution as possible	Recipient has to be assured easily the document being valid	Has to meet the requirements of long-term preservation of data.	Predicted for the customers
Almost everything can be done as self-service	Seamless integration in SIS	In Finland by the Finnish Population Registry	Atomi Validator – or reader program's functionalities	Support for PDF/A conversion	No transaction fees

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Atomi – Development Roadmap

- First version of Atomi was developed in four months
 - Included basic functionalities for ordering and validating the documents
- Latest features
 - Atomi Validator was published in March 2019
 - Support for graduation process was published in May 2019
- What's next?
 - Personal signatures
 - E-signatures for other (than students') documents

DEMO

NEW ORDER DOCUMENTS

Study Certificate

Transcript of Records

OAMK OULU UNIVERSITY OF APPLIED SCIENCES

1/2

STUDY CERTIFICATE

Name of student	Testi Testaaja
Personal Identity Code	150477-957M
Degree Programme	Degree Programme in Mechanical Engineering
Degree title	Bachelor of Engineering (BEng)
Form of education	Bachelor Programme
Study place confirmed	1.8.2018
Start of study right	1.11.2018
End of study right	31.7.2019
Language of instruction	Finnish

Enrolment information

Autumn term 2018	1.8.2018—31.12.2018	Present
Spring term 2019	1.1.2019—31.7.2019	Present

NEW ORDER DOCUMENTS

Document	Created	Remove
Study Certificate	31.05.2019 11:12	
Opiskelutodistus	08.02.2019 15:13	
Ote opintosuorituksista	22.01.2019 10:29	
Opiskelutodistus	14.01.2019 09:49	
Ote opintosuorituksista	11.01.2019 16:48	
Ote opintosuorituksista	11.01.2019 16:47	

ATOMI VALIDATOR

Validate electronically signed documents quickly and easily.

Choose file or drag and drop it here.

Validate file

Service does not collect any information from validated files.
[Read more about privacy policy.](#)

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Additional Information

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