Automated Student Affairs Office Service for Digital Certificates and Signatures

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- Atomi – key ideas and benefits
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Problem, Analysis, Solution

Process before Atomi 🙁

Student → Student Services → Print/Sign → Email → Student

Process after Atomi 😊

Student → Atomi Service 24/7 → Student

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.
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:

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

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