



## Entrust Signing Automation Service + iText 7

Fully automated workflows for authenticated, tamper-proof PDF documents

### THE CHALLENGE:

Switching away from paper-based documents and face-to-face processes is becoming a priority for businesses and institutions across the globe. This brings two specific challenges: creating electronic document issuance workflows while also ensuring that these documents will be as authentic and trusted as their paper versions.

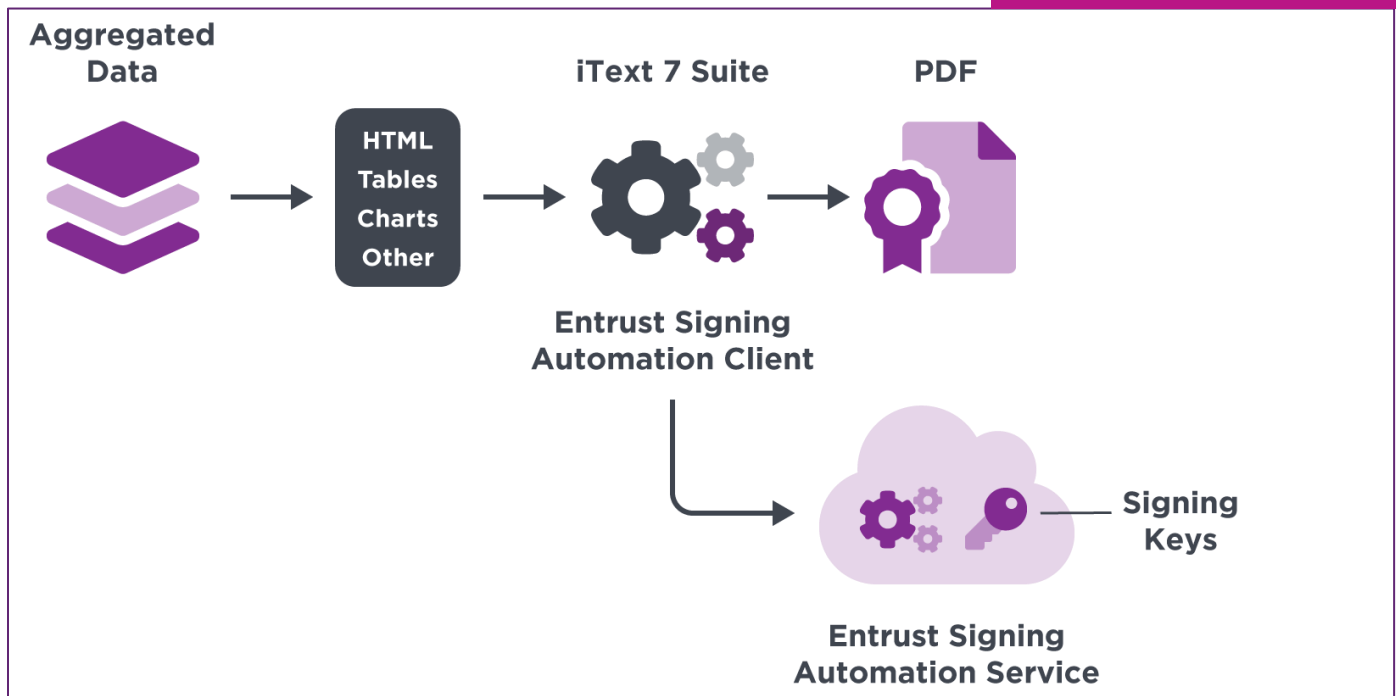
It is crucial to address these challenges to ensure that the switch to electronic documents will bring not only more scalability and efficiency, but also more security, and therefore more confidence, in electronic document formats - from the initial request through the lifetime of the document.

### THE SOLUTION:

The solution is a customized PDF creation workflow that integrates digital sealing and timestamping for content authenticity and integrity. The combined solution will integrate PDF generation and sealing into any workflow, in a fully automated way:

### Key Benefits

- A fully integrated and automated solution that allows for unattended document issuance and sealing
- Guaranteed compatibility and compliance thanks to global standards and mature technology for PDFs, digital signing, and timestamping
- Increased user confidence from visual indicators in major PDF readers verifying the document's authenticity and integrity
- Significant gains in efficiency, scalability, and trust in electronic documents



## HOW IT WORKS

The iText 7 Suite includes a Core library as well as some add-ons to support various data acquisition and aggregation scenarios (data extraction, conversion, structuration, format, etc.). Templates can be created for each type of document you need, allowing you to build fully automated document issuance workflows.

You can easily add a document sealing step by integrating the Entrust Signing Automation Service into your iText 7 workflows. We provide a Signing Automation Client based on PKCS#11 that is installed together with the iText 7 Suite, which enables iText to connect to the service and automatically query unique seals and timestamps for each document generated.

This process is:

- **Secure:** Connections are strongly authenticated and secured by TLS
- **Fast:** Only a hash value of the document to seal is sent to the service, which is a few bits long
- **Risk-free:** Since the service only receives hash values, your sensitive data never leaves your premises

## WHY USE iText 7

### Proven Track Record

iText solutions work – and work well. The company's first open-source SDK was released in 2000, and since then, iText has become a top player in the industry thanks to the company's world-class quality software and reliable, mature, proven technology.

The company's flagship product, the iText 7 Suite, is a software library used to create and manipulate PDF documents in Java and .NET (C#), with both open-source and commercial licensing models available.

### Seamless and Secure Integration

iText 7 is fully compatible with the Entrust Signing Automation Service. With its PKCS #11 support, iText 7 can easily and securely connect to the service via the Entrust Signing Automation Client, and it can seamlessly incorporate a document sealing process into a workflow by performing the full signing request and document compilation after the seal is received from the Entrust service.

#### About iText

iText is a global leader in innovative award-winning PDF software. It is used by millions of users - both open source and commercial - around the world to create digital documents for a variety of purposes, including invoices, credit card statements, mobile boarding passes, legal archiving, and more.

[itextpdf.com](http://itextpdf.com)



#### About Entrust

Entrust keeps the world moving safely by enabling trusted identities, payments, and data protection. Today more than ever, people demand seamless, secure experiences, whether they're crossing borders, making a purchase, accessing e-government services, or logging into corporate networks. Entrust offers an unmatched breadth of digital security and credential issuance solutions at the very heart of all these interactions. With more than 2,500 colleagues, a network of global partners, and customers in over 150 countries, it's no wonder the world's most trusted organizations trust us.

[entrust.com](http://entrust.com)

