REFERENCE

DataSquare
YOUR DATA MANAGERS

Aras Innovator

Flexible data management & process control without high initial investment

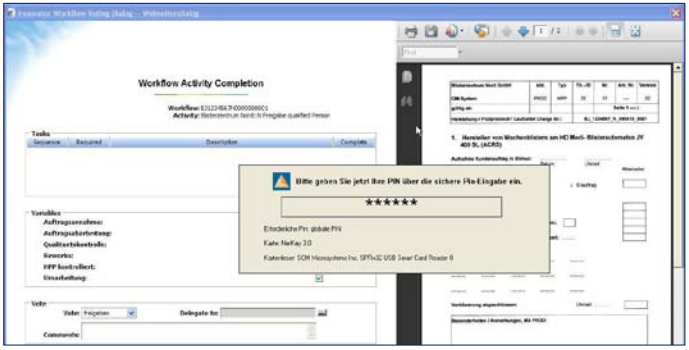
The Deutsche Blisterunion, the German service provider of patient-individual medical supplies, has implemented Aras Innovator in order to simplify and automate both document management and production processes. Control and release procedures are driven and documented completely digital. This speeds up the whole process and makes the use of paper documents obsolete.

DEUTSCHE BLISTERUNION®

Situated in the City of Schwerin, the Deutsche Blisterunion (DBU) is a Germany-wide merger of blister pharmacies, regional operating blister centers and industrial companies with the aim to provide patients with individual medication, in a sufficient and contemporary way. It offers services all around the mechanical blistering of drugs for the individual patient.

The automated assembly and blister packaging of individual daily doses of medication revolutionizes medical supply: In hospitals, old people's homes and other care homes the time-consuming, manual issuing of medication is no longer required. This not only saves time but reduces the rate of medication and dosage errors dramatically.

"For the professional production of patient-individual blister packs within the law, not only the manufacturer's skill is needed, but also considerable know-how about the processes involved and their professional control," states Martin Halm, CEO of DBU. "So we've made the search for a suitable solution concerning data management and process control not too easy for ourselves."



The DBU has decided to implement Aras Innovator in order to manage the protocols which document the manufacturing of patient-individual blister packs completely digital. The manufacturing protocols are tested and approved by so-called Qualified Persons. Aras Innovator drives this control process, and the DataSquare interface Aras Innovator Signature Connector enables the release process with a qualified electronic signature. All protocols are therefore digitally signed and archived in a legally secure manner.

In detail, the workflow runs as follows:
When a blister center marks a protocol to be in need of signing, a signing request is posted to a group of Qualified Persons. One of them accepts the request and is able to see and check the protocol that is about to be signed with the help of a voting dialogue. When the checklist of the dialogue is completed, the signature software is being accessed by the signature interface. The Qualified Person then signs the document, using a smart-card and a PIN.
Aras Innovator automatically registers if a protocol has been signed. The employee of the blister center receives a corresponding message and can verify the signature, again with Aras Innovator Signature Connector. The status of the signature (such as not signed, false certificate, successful examination) is stated to him so that he can make sure that the protocol has been checked correctly.

The digital distribution, review and clearance of manufacturing protocols ensures a significant simplification as well as speeding-up of the whole process and allows the DBU to eliminate the use of paper documents completely.

“Both the blister centers and the Qualified Persons are situated across the whole federal territory. Up to now we had to sign all protocols always per hand,” says Martin Halm. “With Aras Innovator as a solution we save a lot of time. And filing paper documents manually is also a thing of the past. That’s an enormous advantage, because the undersigned protocols have to be filed for ten years.”

Hendrik Roreger, Solution Architect at DataSquare about the adaptation of the solution: “The biggest challenge was to make the legally valid electronic signature possible. But thanks to the open architecture Aras Innovator has we were able to integrate the signature component extremely well.”

Aras Innovator Signature Connector

With the interface Aras Innovator Signature Connector developed by DataSquare, data in Aras Innovator can be provided with qualified electronic signatures for legally valid undersigning.

The electronic signature is the digital counterpart to hand-written signatures on paper documents. In Germany an electronic signature can only replace the statutory written form when complying to the § 2 No. 3 Signature Act, in order to secure the evidentiary value of the signature according to the code of civil procedure. The signatory confirms his electronic signature entering a PIN number using a connected signature card reading unit. Also, his signature card has to come from an authorized provider.

The Signature Connector integrates the signature soft- and hardware into Aras Innovator. The signature process is controlled by Aras Innovator, with the signature software working in the background. The user only has to operate the Aras Innovator client, entering his PIN number at the terminal. While using the interface, the certification claimed by the legislator is certainly guaranteed.

“In both planning and implementation stages we had good comms with DataSquare and felt very well looked after,” states Martin Halm. The DBU has also decided to sign a subscription contract which includes access to the DataSquare helpline, and also requested a user training provided by DataSquare.

aras INNOVATOR®

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