

biomedion®



Watcher 4.0

Ready  
for  
GxP



WATCH+

IMAGE+

optional extension

SIGN+

- ✓ Data capture at source
- ✓ Direct access to data
- ✓ Search engine based on metadata
- ✓ Controlled data migration
- ✓ End-to-end data lifecycle
- ✓ Automated periodic review
- ✓ ALCOA+ ready
- ✓ in line with F.A.I.R. principles

## ELECTRONIC LONG TERM ARCHIVING MADE EASY

The amount of raw data has increased year by year in R&D. New technologies and available storage have created mountains of unstructured data that cannot be assembled by simple human interaction. At the same time, regulatory requirements are forcing companies to keep track of every piece of their data and to control its management and retention. With [Watcher 4.0](#), the associated metadata and links between raw data sets create value and become assets. Evidence-based medicine requires reliable data at all times and at every stage of a product's life cycle.



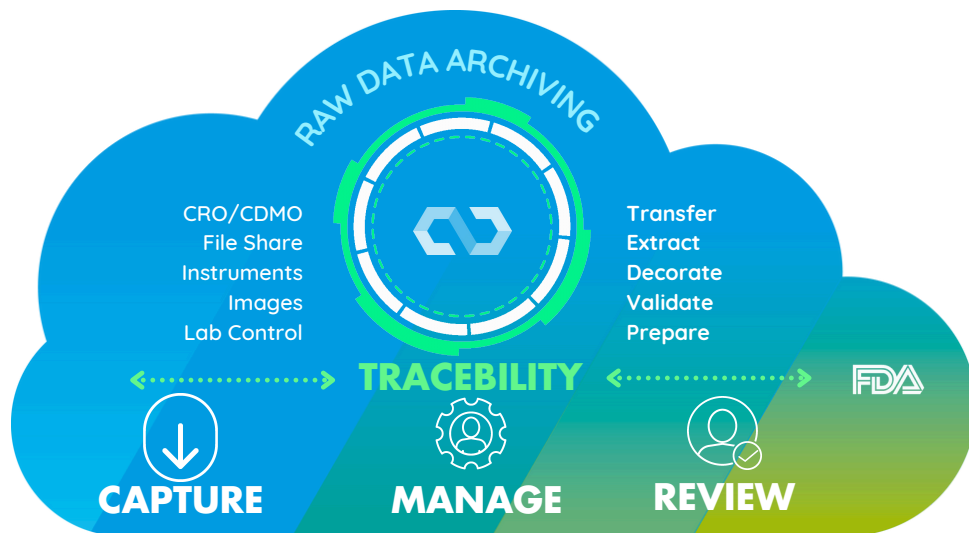
With the [WATCH+](#) add-on module, [Watcher 4.0](#) is equipped to collect data at the point of creation, enrich the data with context and annotations, and make the data streams available for subsequent quality control and evaluation processes and archiving.

biomedion®



Watcher 4.0

[Watcher 4.0](#) as innovative future-safe SaaS platform for the digitization of the life sciences life cycle proactively reduces regulatory vulnerabilities for businesses and offers best practice ready to go solutions to create value along the life science processes. Various Add-ons emphasize fully flexibility, collaboration, compliance and distributed architectures as a de-facto operating system to leverage innovation along the whole life sciences life cycle by using an agile configuration.



### CAPTURE

Acquire your raw data through machines, interfacing APIs and manual form-based entries.

### REVIEW

Throughout the lifecycle of assets and data documents, value is increased by aggregating and reviewing information.

### MANAGE

Manage your data with [Watcher 4.0](#). Each data element in the lifecycle has an expected and controlled lifetime. Regulations and processes determine storage and access at any time, from creation through numerous stages to long-term archiving and finally deletion.

## CONNECT THE DOTS IN LIFE SCIENCE AND IMPROVE EXCELLENCE IN PHARMACEUTICAL DEVELOPMENT PROCESSES



[Watcher 4.0](#) allows you to manage your data in an optimal way, in compliance with quality and integrity rules (cGMP, ALCOA+). Thanks to the automated and optimized management of the metadata linked to your different file types (F.A.I.R. model), your data are also ready-for-reuse by your data mining tools.

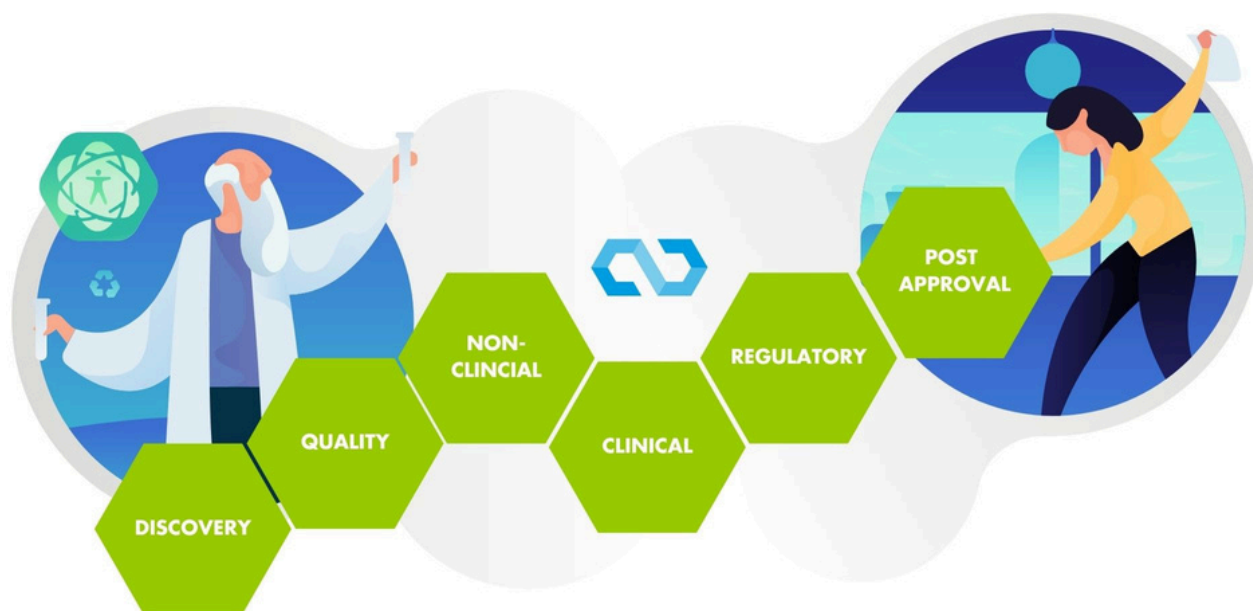
Electronic data archiving is a pressing issue for pharmaceutical companies. The FDA and other regulators are increasingly concerned about how they manage their electronic data, including archiving.

How do I ensure that my data will be captured, retained, monitored, stored long term and properly destroyed at the end of its retention period? This is what [Watcher 4.0](#) and its add-on [WATCH+](#) can do for you.

Thanks to this state-of-art management process of your data, you will be ready for internal audit or regulator inspection at any time. With [Watcher 4.0](#) you know where your data (storage place) are, how it has been produced (on which device), why it has been produced (context, thanks to metadata) and what you did with it (full end-to-end traceability).

# OUR APPLICATIONS SPAN THE ENTIRE LIFECYCLE!

Through drug discovery, development towards market access and continuously leverage innovation. Create Value along the Life Sciences Processes. With our new Low Code compliance platform for Visualization & collaboration, Trust compliance confidentiality, Customer experience and Operational outcomes.



## PROCESSES AND CONTROL YOUR DATA

The amount of raw data has increased year by year in R&D. New technologies and available storage have created mountains of unstructured data that cannot be assembled by simple human interaction. At the same time, regulatory requirements are forcing companies to keep track of every piece of their data and to control its management and retention.

With [Watcher 4.0](#) the associated metadata and links between raw data sets create value and become assets. Evidence-based medicine requires reliable data at all times and at every stage of a product's life cycle. [Watcher 4.0](#) is equipped to collect data at the point of creation, enrich the data with context and annotations, and make the data streams available for subsequent quality control and evaluation processes and archiving.

Building a successful platform is more about making the right trade-offs than it is about technology. Make the right decisions on what kind of platform you are building with [Watcher 4.0](#) for tomorrow's life science organizations.

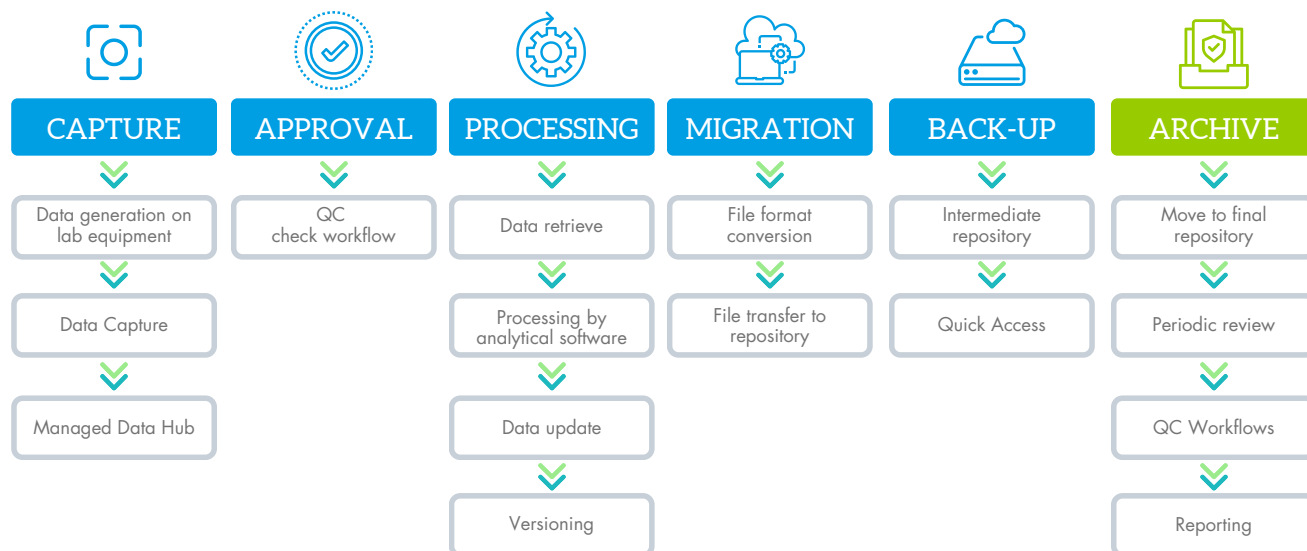
Sustainable success in the modern era lies beyond standalone streamlined processes. Everything is now interlinked.

[Watcher 4.0](#) is based on a keen awareness of the drivers in pharmaceutical development; prudently disrupting or blending in. It is built specifically to support Advanced Analytics on Big Data and enable Artificial Intelligence on multiple levels to increase speed and enable the right data-driven decisions. Instead of being slammed by frequent regulatory waves, [Watcher 4.0](#) enables a smart digitization from early stages onwards.

Understanding success factors in Clinical Trials and Regulatory Submissions increase the probabilities and enable early attrition by predictive analysis. Turning massive data into valuable information which can lead into earlier decision readiness. Understanding fundamental functional patterns manifest in digital forms and workflows which are core principles of the biomedion approach - quick and data-driven.



## Watcher 4.0



Watcher 4.0 can manage very complex data flows, handling the entire end-to-end process from raw data capture to the end of the retention schedule. You have the complete traceability of each actions done on your data, ensuring compliance with the regulations in place.

### WATCH+

Decentralized intelligent agents execute defined missions that correspond to actual stages of defined cloud-based business workflows, carrying capabilities to ensure end-to-end compliance.

### IMAGE+

#### optional extension

Embed interactive image spheres of high resolution and complex 3D and 2D images or simply present static images with textual, visual and audio annotations.

### SIGN+

Create a digitally signed validated archive, which can be viewed instantly for inspections and demonstrates data integrity and accessibility via the Watcher 4.0 cloud service.

"Watch raw data as digital at the point of creation and keep data integrity until it is archived GxP conform, and even beyond"

