

## CUSTOMER STORY

## INBRAIN Chooses Jama Connect® to Provide Clarity, Stability, and Confidence in Quality Control for Neural Implant Systems Development

### ABOUT INBRAIN

INBRAIN Neuroelectronics develops GRAPHENE NEURAL implant systems for central and peripheral neuroelectronic applications including autonomous BCI Therapeutics to restore movement control and other important lost functions in Parkinson's disease, Epilepsy or Stroke in addition to organ related therapeutics

### CUSTOMER STORY OVERVIEW

The company started looking for a requirements management tool to use in developing their first product. They knew that building implants would involve a huge number of requirements to be written, checked, reviewed, and iterated on. Connecting to related software development activity in Jira and test management systems would be critical to ensuring quality and maintaining traceability.

They determined that using Excel for requirements and test traceability would be too cumbersome, time consuming, and risky. Ensuring regulatory compliance and product quality was too important for successful product development and delivery to rely on a manual, document-based process prone to human mistakes.

INBRAIN chose Jama Connect because it greatly increased confidence in quality control by enabling the entire team to work collaboratively and efficiently on requirements, tests, and risk management. This provided the stability for the team to focus on the development effort rather than worry about data integrity or quality control issues.

### WITH JAMA CONNECT, USERS EXPERIENCE:

- Greater confidence in quality control thanks to distributed collaboration that enabled the entire team to work in parallel with consistent, shared, up-to-date information
- Ability to start working immediately after fast configuration and setup of integrations assisted by Jama Software's Services team
- Centralized platform for integrated requirements, tests, and risk management professionally supported by Jama Software's Support team

***“The massive collaboration in Jama Connect, where everything is controlled and checked and where reuse is supported, makes the whole management of requirements much easier.”***

- MARTIJN HAZENBERG, HEAD OF EMBEDDED ENGINEERING, INBRAIN

*"We wanted to avoid spending so much time on manual efforts such as modifying data in Excel sheets and performing manual traceability. By using Jama Connect, all of that wasted time disappears, and we can focus on the things that truly matter, such as our development effort."*

- ALBERT MOLINS  
SYSTEMS ARCHITECT, INBRAIN

*"Jama Connect has given our team much greater clarity, stability, and confidence in control quality to focus on development."*

- ALBERT MOLINS  
SYSTEMS ARCHITECT, INBRAIN

## CHALLENGES

### Complex, high volumes of requirements and tests.

When developing highly complex medical devices, the use of Excel for manual tracing of large volumes of requirements and tests through multiple iterations and reviews would have been too time-consuming, cumbersome, and risky from a compliance and quality perspective.

## EVALUATION

### Integrated solution for managing requirements, tests, and risks in connection with Jira and test automation systems.

The evaluation demonstrated that Jama Connect could provide the integrated, efficient, collaborative solution that the company needed for both current and future needs. The team also appreciated how quickly Jama Software's Solutions Architect and Support staff responded to questions and requests during and after the evaluation.

## OUTCOMES

### With Jama Connect, the INBRAIN team has experienced the following benefits:

- Confidence in the development process based on consistent, shared, up-to-date information
- Ability to start working immediately after fast configuration and setup of integrations
- Distributed collaboration enabling the entire team to work in parallel managing requirements and tests used to prepare regulatory documents
- Centralized, professionally supported platform for integrated requirements, tests, and risk management

Experiencing the distributed collaboration in Jama Connect gave the entire team confidence to focus on the development work that mattered. During verification of requirements, everyone was engaged in running test cases and other activities in parallel to ensure quality. They continue to benefit from continuous support available from their local Jama Software consultant whenever they have questions that could hinder development progress.

Learn how [Jama Connect](#) helps medical device companies succeed with higher quality and faster time to market.

## ABOUT JAMA SOFTWARE

Jama Software® is focused on maximizing innovation success in multidisciplinary engineering organizations. Numerous firsts for humanity in fields such as fuel cells, electrification, space, software-defined vehicles, surgical robotics, and more all rely on Jama Connect® requirements management software to minimize the risk of defects, rework, cost overruns, and recalls. Using Jama Connect, engineering organizations can now intelligently manage the development process by leveraging Live Traceability™ across best-of-breed tools to measurably improve outcomes. Our rapidly growing customer base spans the automotive, medical device, life sciences, semiconductor, aerospace & defense, industrial manufacturing, consumer electronics, financial services, and insurance industries. Visit [jamasoftware.com](https://jamasoftware.com) to learn more.