



# Major Medical Research Institute deploys Atempo solutions

CLIENT: RESEARCH INSTITUTE/UK

SECTOR: MEDICAL RESEARCH

## MEDICAL RESEARCH INSTITUTE

*“Atempo facilitates a robust strategy for data growth which other solutions were unable to offer.”*

*Research Institute Solution Architect,  
UK*



### THE COMPANY

Atempo's UK customer is a medical research institute with unstructured data sets currently in excess of 200 terabytes and showing phenomenal growth rates. Each month, research projects generate millions of very small files and many voluminous high resolution images and videos which need backing up and archiving.

### THE CHALLENGE

The challenge faced by the Institute's Solution Architect was to ensure she had backup storage which could scale with primary storage requirements.

The Institute uses a wide variety of operating systems, data sources, file types and file access control lists. Data protection must run smoothly and maintain full integrity and the quality and performance of each backup is equally important.

### THE SOLUTION

The research institute chose to deploy two Atempo solutions to ensure the initial brief was respected:

- **Miria for Archiving** is used to store specific data to tape indefinitely. Miria for Archiving allows the Institute to perform secure data movement for completed projects using a simple drag and drop to a chosen storage target.
- **Atempo Time Navigator (Tina)** using the backup protocol NDMP to ensure backup consistency and providing deduplication rates of almost 60%.



Time Navigator can leverage NetApp Snapshot Mirrors -including the SnapVault feature- to protect data with both indefinite and fixed-term retentions which enable automatic recycling where necessary.



Backed-up data is currently stored on LTO6 tapes with a future upgrade to higher volume LTO7 or LTO8 tapes fully supported by Time Navigator.

## THE RESULT

**Miria for Archiving and Time Navigator are complementary.** Both solutions ensure data is backed up and archived in a suitably secure environment. Data growth is manageable because full **scalability is a core solution feature.**

The customer has also chosen to deploy at Atempo Lina for a laptop protection solution initially for one hundred machines.

**Live Navigator** enables endpoint protection for roaming machines with its powerful deduplication and CDP (continuous data protection) capacity plus its secure centralized admin platform.

And because Atempo is entering an exciting phase of convergence for its range of solutions, life will become even simpler for the storage and backup admins. Other yet uncharted territory could see Miria for Archiving and Time Navigator protecting some or all of the institute's virtual machine pool.

*“Miria for Archiving and Time Navigator are two excellent data management and protection systems which are both scalable and sustainable.”*