



## CASE STUDY

# The University of Medicine and Hospital

## The largest institution for physician training in Southern Europe is using Ziliont Analytic Archive for medical and forensic research

This prominent School of Medicine (SM) is the largest institution for training physicians in Southern Europe, is using Ziliont Analytic Archive to speed up the accreditation process for doctors and to provide a unified view for faster medical and forensic research.

“We discovered new details and improved overall view of our work with students, patients and scientific research” Dr. Nikola Kocev, Head of Institute for Clinical Trials

### The Challenge

SM had two challenges:

1. SM needed to drastically speed up document generation and updates for student accreditation to improve organizational efficiency and teaching.
2. Provide accurate, reliable and fast forensic analysis using data from many sources such as reports, documents, audio and video records, emails and data from multiple databases

### The Solution

Ziliont Analytic Archive enabled real-time storing, classification, retrieval and analysis in AA unified repository and gave SM critical insights and power to eliminate the limitations SM had prior to using AA.

“The power, possibilities and totality of AA solution, combined with consulting services provided by Ziliont System IntegratorMlogica, made SM better and helped both the scientific community and public”, says Dr. Kocev, Head of ICT.

### The Advantages

- Real-time, recorded collaboration between professors, students, departments and patients
- 90% reduction in search time due to categorization of documents, emails and database records stored in unified AA data repository and archive
- 76% reduction in purchase and maintenance cost
- Active, automated real-time email archive. Professors and assistants have full insight into email communication and related documents for specific teaching subjects departments
- Promotes fast, sophisticated analysis of data using combined full-text search and numeric analysis
- Enables 360-degree view of unified information and patients

### CUSTOMER PROFILE

#### INDUSTRY

Healthcare, Education and Life Sciences

#### SIZE

2,400 professors and students

#### HEADQUARTERS

Southern Europe

#### BUSINESS REQUIREMENTS

Unified, real-time searchable data repository/archive for data used by patients, students, University and hospitals. Collaboration spanning multiple universities, countries and continents.

### SOLUTION SUMMARY

AA High-Speed Loader  
AA Big Data Repository  
AA Analytics  
AA Discovery

#### DATA TYPES

X-rays, MRI, emails, SMS, MMS, laboratory results, office files, database records

### KEY BENEFITS

- Real-time capture, analysis and classification of data
- SM can keep up with fast growth of data from its internal and external sources
- Teams of researchers and scientists can access categorized data (emails, files, DB records, sensor

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