AMPS Fact Sheet

Company Overview

AMPS is a leading edge software company providing software solutions for the display and analysis of ECG traces and blood pressure monitoring. Originally focused on the needs of Clinical Research Organizations and Pharmaceutical corporations in the context of clinical trials for new drugs, AMPS has expanded into the medical world with a set of tools for the healthcare. AMPS has been investing for the last 20 years more than 50% of its annual revenues in R&D activities, and is nowadays the leader in its industry. By a conservative estimate more than 50% of the ecgs submitted for review to the FDA in the context of clinical trials each year are processed using AMPS tools.

Founded

AMPS was created by Dr. Fabio Badilini FACC in 1999, after several years spent in the academic and research environment working closely with cardiologists both in the United States and in Europe. The AMPS brand stands for “Analyzing Medical Parameters for Solutions”.

Mission

Through sharing and understanding client requirements and expectations, AMPS designs and provides ad-hoc state of the art technology, clinical expertise, and statistical support in quantitative ECG analysis.

Vision

Turn the science we develop into technology and continuously re-invest in research activities the majority of the profit gained in the process, thus providing our customers with the best possible tools and support in the most cost-effective way.

Software Solutions

**Clinical Trials and Research:**

- **CaIECG**  
  On-screen automated measurements
- **FAT-QT**  
  Fully automated T-QT studies
- **TrialPerfect**  
  Back-end trial database management
- **FDAEcg Suite**  
  Processing of xml FDA HL7 ecg files.
- **CER-S**  
  Processing of Holter recordings
- **Antares**  
  Snapshots extractor from Holter recordings
- **WinAtrec**  
  Advanced analysis of Holter recordings
Healthcare:
- ViewEcg: Display of ecg traces in any format
- ECGSolve: Ecg format converter, pdf reports generator
- CloudCor: Web ecg analysis
- HeartScope: Advanced analysis of cardiovascular signals
- CER-S 510K-CE: Analysis of continuous ecg recordings 1 to 12 channels, up to 30 days

Services
- Conversion of ecg paper traces into digital waveforms
- Ecg file format conversion (any to any)
- FDA HL7 aEcg format verification and FDA submission
- Secondary analysis of halted studies due to drug-induced modifications
- Tele-Cardiology

Patents
- November 2007: Method and apparatus for extracting optimum holter ECG readings
- September 2008: Method and system for converting paper ECG printouts to digital ECG files.

Publications
- 2009-2019: AMPS-QT, a quarterly journal covering all aspects of methodology and software technology related to clinical trials and Thorough QT studies.
- Since 2021: TAI: The AMPS Insider, a quarterly journal dedicated to all the customers of AMPS, providing updates on the products to the organizations involved in the world of cardiac safety.

Milestones
- 1998: Definition of the ISHNE Format for continuous recording
- 2003: Definition of the aECG XML Format for the FDA
- 2003: Dr Fabio Badilini receives the FDA Commissioner’s Special Citation
- 2009: Dr Fabio Badilini receives the Honorary Fellowship Award of the American College of Cardiology
- 2011: Bravo algorithm announcement
- 2013: Definition of the aECG XML Continuous recording Format for the FDA
- 2015: Abile algorithm announcement
- 2020: CE and 510K CER-S Certification

Selected Customers
- Pharmaceutical Companies
  - AbbVie
  - Johnson & Johnson
  - Roche
  - Gilead
  - Array BioPharma
  - HUYA Bioscience International
  - Rain Therapeutics
  - AstraZeneca
Khondrion BV               Medpace
Pfizer                      Norav Medical
Bayer Yakuhin               Sanofi-Aventis
Sanofi-Aventis              HeartCor Solutions
CROs
Clario (ERT, Bioclinica)   BioTel Research (Cardiocore)
Cardio Analytics            Banook Group
Celerion                    Vitalograph

Manufacturers
General Electric           Philips
VivaLNK                    Schiller
Cardioline SpA             Rozinn Electronics
STMicroelectronics         DMS Services
Global Instrumentation     Cortrium

Healthcare
Bioserenity                CSAM Sweden
Glanum Healthcare          Acetiam MNH Group
MedicZone                  Danish National Hospital
Hôpital La Pitié-Salpêtrière Versa Cardio
Keski-Suomen Hospital      Bordeaux CHU, France
Fondazione Salvatore Maugeri Humanitas Istituto Clinico, Italy
CardioScan                 VersaCardio

Academia, Research, and Non Profit
US Food and Drugs Administration The Telemetric and Holter ECG
Championship Hearts Foundation Warehouse (THEW)
Harvard University           Ulster University
Heart Research Follow-Up     Universidade Rio de Janeiro - UERJ
Program, University of Rochester University of California
Imperial College London      University of Utah
Maastricht University        Utrecht University
Mayo Clinic                  Stanford University
Parkinson's Institute        School of Medicine Duke University

Operations                   United States, Europe
Headquarters                 R&D, Services: Montichiari (BS), Italy
                                Finance, Legal: New York, NY, USA
                                Marketing and Sales: Paris, France
Management                   Fabio Badilini, President and Chief Scientist
                                Daniel Bovio, SVP Contracts, Marketing and Sales
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