



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 2000, 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:

- | | |
|----------------|--|
| ○ CalECG | 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 |
| ○ ECGMaster | Digital ECG Management system |
| ○ EAT | ECG Anonymizer tool |

Healthcare:

- ViewEcg Display of ecg traces in any format
- ECGSolve Ecg format converter, pdf reports generator
- ACG AMPS Cloud Gateway 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

June 2003: Apparatus and method for reading and analyzing ECG images.

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	Array BioPharma
Johnson & Johnson	HUYA Bioscience International
Roche	Rain Therapeutics
Draeger	AstraZeneca

Khondrion BV
Pfizer
Novo Nordisk

Bayer Yakuhin
Sanofi-Aventis

CROs

Clario (ERT, Bioclinica)
Cardio Analytics
Celerion
ICON
Vitalograph
Spaulding Medical

Norav Medical
IQVIA
HeartCor Solutions
Banook Group
Medpace

Manufacturers

General Electric
VivaLNK
Cardioline SpA
STMicroelectronics
Global Instrumentation

Philips
Schiller
Rozinn Electronics
DMS Services
Cortrium

Healthcare

Bioserenity
Glanum Healthcare
MedicZone
Hôpital La Pitié-Salpêtrière
Keski-Suomen Hospital
Fondazione Salvatore Maugeri
Broomwell Healthwatch

CSAM Sweden
CardioScan
Danish National Hospital
Versa Cardio
Bordeaux CHU, France
Humanitas Istituto Clinico, Italy
Semdatex

Academia, Research, and Non Profit

US Food and Drugs Administration
Championship Hearts Foundation
Harvard University
Heart Research Follow-Up
Program, University of Rochester
Imperial College London
Maastricht University
Mayo Clinic

Parkinson's Institute
Ulster University
Universidade Rio de Janeiro - UERJ
University of California
University of Utah
Utrecht University
Stanford University
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

Contact Information

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