

---

---

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

---

**FORM 8-K**

---

**CURRENT REPORT  
Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): April 14, 2021

**BioSig Technologies, Inc.**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction  
of incorporation)

**001-38659**  
(Commission File Number)

**26-4333375**  
(IRS Employer  
Identification No.)

**54 Wilton Road, 2nd Floor  
Westport, Connecticut**  
(Address of principal executive offices)

**06880**  
(Zip Code)

**(203) 409-5444**  
(Registrant's telephone number, including area code)

**N/A**  
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4 (c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

<u>Title of each class</u>	<u>Trading Symbol(s)</u>	<u>Name of exchange on which registered</u>
Common Stock, par value \$0.001 per share	BSGM	The NASDAQ Capital Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

---

**Item 8.01 Other Events**

On April 14, 2021, BioSig Technologies, Inc. (the “Company”) launched the PURE EP Software Version 4 with enhanced signal processing capabilities. The Company issued a press release on April 14, 2021 announcing this software release.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits

<b>Exhibit Number</b>	<b>Description</b>
99.1	<a href="#">Press Release, dated April 14, 2021</a>
104	Cover Page Interactive Data File (formatted as Inline XBRL)

---

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**BIOSIG TECHNOLOGIES, INC.**

Date: April 14, 2021

By: /s/ Kenneth L. Londoner  
Name: Kenneth L. Londoner  
Title: Executive Chairman



## **BioSig Launches Enhanced Signal Processing Capabilities for Advanced Cardiac Signal Analysis Through its Electrophysiology Platform**

### **The latest release represents the most advanced software version of the PURE EP™ System, signal processing technology for treatments of irregular heartbeats**

Westport, CT, April 14, 2021 -- BioSig Technologies, Inc. (NASDAQ: BSGM) ("BioSig" or the "Company"), a medical technology company commercializing an innovative signal processing platform designed to improve signal fidelity and uncover the full range of ECG and intra-cardiac signals, today announced the release of the PURE EP™ Software Version 4. The latest release builds on the main system capabilities of the PURE EP™ while improving the overall user experience. The software upgrade will be rolled out to all new and existing customers.

The latest software represents the most advanced software version of the PURE EP™ System. The update adds valuable tools to shorten system set up time and bring innovative features for faster real-time signal analysis, potentially improving the efficiency and accuracy of EP procedures.

Advances in the new PURE EP™ Software Version 4 include user interface enhancements for a more compelling assessment of arrhythmia morphologies, clinical template management for an efficient case setup process, and other software functionalities for real-time signal visualization, such as the "Differential Analysis" allowing the simultaneous display of a channel using various filter settings to assess specific characteristics of a signal or the enhanced "Digital Zoom" permitting to instantly focus on important physiologic details while preserving a high signal-to-noise ratio.

"The launch of the PURE EP™ Software Version 4 is the result of a collaborative effort between our engineering team and our physician customers to identify the most critical needs and translate those into innovative advancements. Our comprehensive product portfolio consists of a series of commercial software upgrades and novel software modules, and we are dedicated to driving the innovation as we accelerate commercial sales this year," commented Olivier Chaudoir, Sr. Director of Marketing, BioSig Technologies, Inc.

More than 660 patient cases have been conducted using the PURE EP™ System by 40 physicians in eight clinical sites to date.

#### **About BioSig Technologies**

BioSig Technologies is a medical technology company commercializing a proprietary biomedical signal processing platform designed to improve signal fidelity and uncover the full range of ECG and intra-cardiac signals ([www.biosig.com](http://www.biosig.com)).

The Company's first product, PURE EP™ System is a computerized system intended for acquiring, digitizing, amplifying, filtering, measuring and calculating, displaying, recording and storing of electrocardiographic and intracardiac signals for patients undergoing electrophysiology (EP) procedures in an EP laboratory.

---

**Forward-looking Statements**

This press release contains “forward-looking statements.” Such statements may be preceded by the words “intends,” “may,” “will,” “plans,” “expects,” “anticipates,” “projects,” “predicts,” “estimates,” “aims,” “believes,” “hopes,” “potential” or similar words. Forward- looking statements are not guarantees of future performance, are based on certain assumptions and are subject to various known and unknown risks and uncertainties, many of which are beyond the Company’s control, and cannot be predicted or quantified and consequently, actual results may differ materially from those expressed or implied by such forward-looking statements. Such risks and uncertainties include, without limitation, risks and uncertainties associated with (i) the geographic, social and economic impact of COVID-19 on our ability to conduct our business and raise capital in the future when needed, (ii) our inability to manufacture our products and product candidates on a commercial scale on our own, or in collaboration with third parties; (iii) difficulties in obtaining financing on commercially reasonable terms; (iv) changes in the size and nature of our competition; (v) loss of one or more key executives or scientists; and (vi) difficulties in securing regulatory approval to market our products and product candidates. More detailed information about the Company and the risk factors that may affect the realization of forward-looking statements is set forth in the Company’s filings with the Securities and Exchange Commission (SEC), including the Company’s Annual Report on Form 10-K and its Quarterly Reports on Form 10-Q. Investors and security holders are urged to read these documents free of charge on the SEC’s website at <http://www.sec.gov>. The Company assumes no obligation to publicly update or revise its forward-looking statements as a result of new information, future events or otherwise.

**Contact:**

Andrew Ballou  
BioSig Technologies, Inc.  
Vice President, Investor Relations  
54 Wilton Road, 2<sup>nd</sup> floor  
Westport, CT 06880  
[aballou@biosigtech.com](mailto:aballou@biosigtech.com)  
203-409-5444, x119