SunRay Scientific, Inc.

SunRay Scientific is an advanced materials manufacturer of conductive adhesives that enable flexible circuitry in next-generation flexible, wearable electronics.

Company Overview

We develop novel electrical interconnection technology to make microscopic flexible circuitry. Our patented conductive adhesives allow for building electronic circuitry that is flexible and can be printed on curved materials or textiles. Our target markets are flexible hybrid electronics and semiconductor packaging. We generate revenue through material sales, licensing, and engineering services to electronics manufacturers, and research grants.

Problem

Electronics devices are becoming smaller, and with the aggressive transition of rigid electronics to flexible electronics/wearables, there is a significant performance and cost gap with traditional electrical interconnect methods such as solder and conductive films, especially on curved or flexible surfaces. Our novel materials and processes enable durable, printable, flexible circuitry on curved surfaces and textiles at competitive costs.

Go-To-Market Strategy

We have a direct sales strategy and partnerships with global manufacturers using their sales agents, such as GE Healthcare, Molex and Dexcom. We have a formal strategic partnership with Henkel, our sales agent, introducing us to their customer base. We address gaps within Henkel's product portfolio. Federal grants are another source of revenue which act as non-dilutive funding that we pursue to develop and commercialize our product lines. Our current customers span across healthcare, aerospace/defense, consumer products and automotive. Those current customers include Fortune 500 companies such as GE Healthcare, CathRx, Trident RFID, Molex, Logitech, Lockheed Martin, Raytheon, Boeing. Our potential customers include Medtronic, Abbott Laboratories, Flex, Jabil, Intuitive Surgical, Apple, Intel to name a few.

What Makes Us Special

We develop novel electrical interconnection technology to make microscopic flexible circuitry. Our patented conductive adhesives allow for building electronic circuitry that is flexible and can be printed on curved materials or textiles. Our target markets are flexible hybrid electronics and semiconductor packaging. We generate revenue through material sales, licensing, and engineering services to electronics manufacturers, and research grants. Our competitive advantages are: 1. Time – the production development timeline for electronics is several years. SunRay already has a pipeline of commercial products developed with strategic partners that are beginning to emerge successfully from the testing

Financial Info

Raising
$1.5M
Valuation
$9.2M

Location
Eatontown, NJ, USA

Business Stage
Seed

Business Type
IoT, Future Tech, CleanTech , B2B, Other, Technology, Healthcare, Engineering, Biotechnology

Meet the Team

Nick Stoltzfus
Business Development and Financial Analyst

phase. No other competitor has a better solution that is commercial-ready. 2. Patents – SunRay technology includes material and process patents. 3. Scalability – SunRay has achieved production-ready scalable solutions available now.