



This Business Profile prepared from proprietary databases of:
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Spire Corporation

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 Bedford, MA 01730
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 Email: info@spirecorp.com
 Web: www.spirecorp.com
 President/CEO:

Business Identifier:

Energy manufacturing equipment (PV Solar), biomedical devices & optoelectronic components

General Profile:

Spire Corporation, a longtime SBIR-involved global solar company, had been involved in the development, manufacturing and marketing of highly engineered products and services for commercial markets, including energy manufacturing equipment, biomedical devices and optoelectronic components. Responsible for the design and manufacture of specialized equipment for producing photovoltaic solar modules, Spire also developed biomedical-processing services offering surface treatments and enhancing the durability or antimicrobial characteristics of orthopedic and other medical devices. Spire's flagship product, the Spi-Sun Simulator became an industry standard for module performance testing and is used by more than thirty standards testing laboratories worldwide. The quality and consistency of Spire's products and services have resulted in awards and widespread brand recognition for the company throughout the international PV community. The Company's equipment is used by over 300 companies in 50 countries worldwide. Spire's involvement in the solar industry began with development of space-based solar cells. Focus shifted to terrestrial photovoltaic applications soon afterward, and the Company quickly built a leading position as a worldwide supplier of solar cell and module manufacturing equipment with embedded, advanced processes. In 2009 /Spire Biomedical (surface engineering technology to improve orthopedic and cardiovascular devices) has sold its hemodialysis catheter business to CR Bard Access Systems (vascular access devices). In 2012, the firm sold a major part of the the assets of Spire Semiconductor, LLC's foundry services business to Masimo Semiconductor, Inc., a wholly owned subsidiary of Masimo Corporation ("Masimo").

Synopsis: Report Elements

SBIR Status	Awards	345	Key bios available on request
1	Patents	96	
Basics Data		VC Funded	True
Founded	1969	Public/Private	True
1st SBIR Year	1983	Stock info	
Employees		Revenue	11

Company Awards		Awards received from these agencies:		
Phase 1 Awards	345	Phase 1 Amount	23306465	Total Amount
Phase 2 Awards	111	Phase 2 Amount	63027411	86333876

Program	Source	Phase	Year	Project Title
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Patent Number	Date of Issuance (YYYY-MM-DD)	Patent Title
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