



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

Stellar Ventures is the corporate incubator/ venture capital arm of Stellar Solutions Inc., a leading supplier of technical engineering expertise to the satellite and space industry. Stellar Solutions has a elite cadre of professionals skilled in the field of program management and space operations. Stellar Solutions plays a vital and active role in virtually every major space-based project, including :

*--Telecommunications satellites*

*--Defense Related Intelligence Projects*

*--NASA'S planetary missions*

#### Our key objectives are:

- ▶ To generate attractive returns for our parent firm and our co-investment partners by participating in the development of promising businesses.
- ▶ To provide Stellar Solutions professionals with opportunities outside the core aerospace arena in promising commercial arenas such as telecommunications and the internet.
- ▶ To bring together promising opportunities and great people that, in our view, will provide the very tangible benefit of providing rewarding, fun, and meaningful work with high impact for all involved.



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

As a newly formed venture arm, we are currently operating with what one might term as "large net and a fine filter."

The "wide net" means we are soliciting and examining opportunities in a wide range of different arenas.

The "fine filter" signals our intent to carefully examine all opportunities before committing our resources.

Our strongest interests lie in growing, high technology fields in which the principals of Stellar Ventures have some prior experience. The following list provides a partial view of such arenas:

- ◆ **Communications Infrastructure:** Stellar Solutions, our parent company, and its employees, have played a significant role in helping to build the space based portion of the modern communications backbone. We see great promise in expanding our business into new space based communications schemes (internet via satellite, etc.) and non-space based communications schemes (optical networks, etc.).
- ◆ **New Sensing Technologies:** We believe there is a strong need for low cost sensing technologies with high specificity to newly emerging problems. Stellar Solutions has extensive experience with space based systems performing imaging and sensing functions and would like to expand these capabilities into non-aerospace applications. We seek to participate in meaningful efforts to detect potentially harmful substances for purposes of anti-terrorism, food safety, and others.



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

Stellar Ventures is the corporate incubator/ venture capital arm of Stellar Solutions Inc., a leading supplier of technical engineering expertise to the satellite and space industry. Stellar Solutions has a elite cadre of professionals skilled in the field of program management and space operations. Stellar Solutions plays a vital and active role in virtually every major space-based project, including :

*--Telecommunications satellites*

*--Defense Related Intelligence Projects*

*--NASA'S planetary missions*

#### Our key objectives are:

- ▶ To generate attractive returns for our parent firm and our co-investment partners by participating in the development of promising businesses.
- ▶ To provide Stellar Solutions professionals with opportunities outside the core aerospace arena in promising commercial arenas such as telecommunications and the internet.
- ▶ To bring together promising opportunities and great people that, in our view, will provide the very tangible benefit of providing rewarding, fun, and meaningful work with high impact for all involved.



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

**Here is a partial listing of the criteria we employ to screen opportunities:**

**MARKET:**

Our interest lie in markets that are either large, or promise to be large and are undergoing rapid growth.

**VALUE PROPOSITION:**

We must see a clear means of creating a sustainable and unique benefit to the customer.

**LOCATION:**

We have a strong interest in businesses in the SF Bay Area, Denver, Colorado, the Washington, DC area or businesses that can be relocated.

If your company meets these criteria and you are looking for venture capital, contact us at [info@stellarventures.net](mailto:info@stellarventures.net)



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

## Stellar Ventures Offers



the following:

To Entrepreneurs



To Business Owners with  
Businesses For Sale



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

**The following information is provided concerning projects that are currently active, or under active consideration by Stellar Ventures:**

Projects

--Quake Finder

--Chem Alert



Stellar  
Venture\$

Focus

Criteria

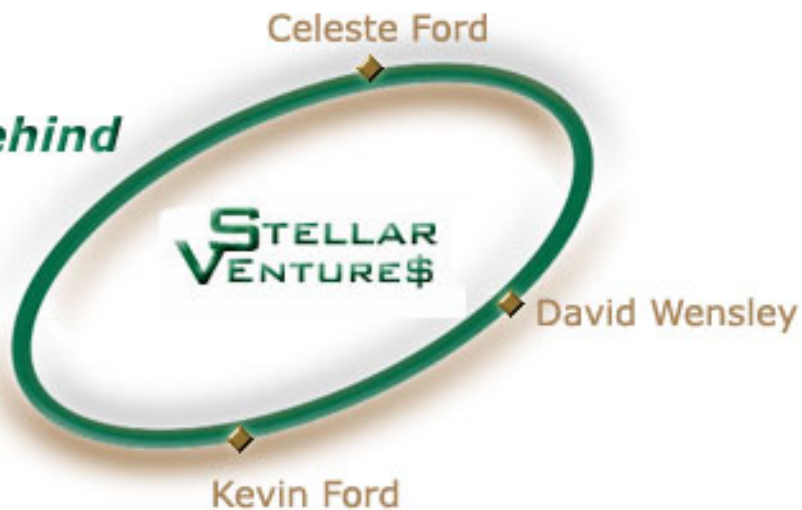
What We  
Offer

Projects

People

Contact Us

## *The people behind*







Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

**Submit proposals, emails, questions to David Wensley:**

**Mail:** Stellar Ventures  
250 Cambridge Avenue,  
Suite 204  
Palo Alto, California 94306

Attn: Kevin Ford

**Email:** [kford@stellarventures.net](mailto:kford@stellarventures.net)

**Fax:** (650) 473-9867

**Web site:** [www.stellarventures.net](http://www.stellarventures.net)

**When submitting a proposal, please observe the following guidelines:**

- ▶ Description of the business opportunity, the industry, and the technology.
- ▶ Ensure we will understand the problem (customer pain) that your solution addresses.
- ▶ Short history of the work done to-date, including the team that is currently working on the opportunity.
- ▶ Please be concise with initial submissions (there will always be opportunities for submitting greater detail at a later date if the proposal appears of interest to Stellar Ventures).

[Click here](#) if you would like to download a PDF version of the web site.

If you do not have Adobe Acrobat click here to download their free reader.

=



Copyright 2000 Stellar Solutions All rights reserved. | [www.stellarsolutions.com](http://www.stellarsolutions.com) | Site development provided by [Designs with Merit](#)



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

Stellar Ventures is the corporate incubator/ venture capital arm of Stellar Solutions Inc., a leading supplier of technical engineering expertise to the satellite and space industry. Stellar Solutions has a elite cadre of professionals skilled in the field of program management and space operations. Stellar Solutions plays a vital and active role in virtually every major space-based project, including :

*--Telecommunications satellites*

*--Defense Related Intelligence Projects*

*--NASA'S planetary missions*

#### Our key objectives are:

- ▶ To generate attractive returns for our parent firm and our co-investment partners by participating in the development of promising businesses.
- ▶ To provide Stellar Solutions professionals with opportunities outside the core aerospace arena in promising commercial arenas such as telecommunications and the internet.
- ▶ To bring together promising opportunities and great people that, in our view, will provide the very tangible benefit of providing rewarding, fun, and meaningful work with high impact for all involved.



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

**Submit proposals, emails, questions to David Wensley:**

Mail: Stellar Ventures  
250 Cambridge Avenue,  
Suite 204  
Palo Alto, California 94306

Attn: David Wensley

Email:

[dwensley@stellarsolutions.com](mailto:dwensley@stellarsolutions.com)

Fax: 650-473-9867

**When submitting a proposal, please observe the following guidelines:**

- ▶ Description of the business opportunity, the industry, and the technology.
- ▶ Ensure we will understand the problem (customer pain) that your solution addresses.
- ▶ Short history of the work done to-date, including the team that is currently working on the opportunity.
- ▶ Please be concise with initial submissions (there will always be opportunities for submitting greater detail at a later date if the proposal appears of interest to Stellar Ventures).



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

As a newly formed venture arm, we are currently operating with what one might term as "large net and a fine filter."

The "wide net" means we are soliciting and examining opportunities in a wide range of different arenas.

The "fine filter" signals our intent to carefully examine all opportunities before committing our resources.

Our strongest interests lie in growing, high technology fields in which the principals of Stellar Ventures have some prior experience. The following list provides a partial view of such arenas:

- ◆ **Communications Infrastructure:** Stellar Solutions, our parent company, and its employees, have played a significant role in helping to build the space based portion of the modern communications backbone. We see great promise in expanding our business into new space based communications schemes (internet via satellite, etc.) and non-space based communications schemes (optical networks, etc.).
- ◆ **New Sensing Technologies:** We believe there is a strong need for low cost sensing technologies with high specificity to newly emerging problems. Stellar Solutions has extensive experience with space based systems performing imaging and sensing functions and would like to expand these capabilities into non-aerospace applications. We seek to participate in meaningful efforts to detect potentially harmful substances for purposes of anti-terrorism, food safety, and others.



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

**Here is a partial listing of the criteria we employ to screen opportunities:**

**MARKET:**

Our interest lie in markets that are either large, or promise to be large and are undergoing rapid growth.

**VALUE PROPOSITION:**

We must see a clear means of creating a sustainable and unique benefit to the customer.

**LOCATION:**

We have a strong interest in businesses in the SF Bay Area, Denver, Colorado, the Washington, DC area or businesses that can be relocated.

If your company meets these criteria and you are looking for venture capital, contact us at [stellarventures@stellarsolutions.com](mailto:stellarventures@stellarsolutions.com)



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

## Stellar Ventures Offers



the following:

To Entrepreneurs



To Business Owners with  
Businesses For Sale





Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

**The following information is provided concerning projects that are currently active, or under active consideration by Stellar Ventures:**

Projects

--Quake Finder

--Chem Alert



Stellar  
Venture\$

Focus

Criteria

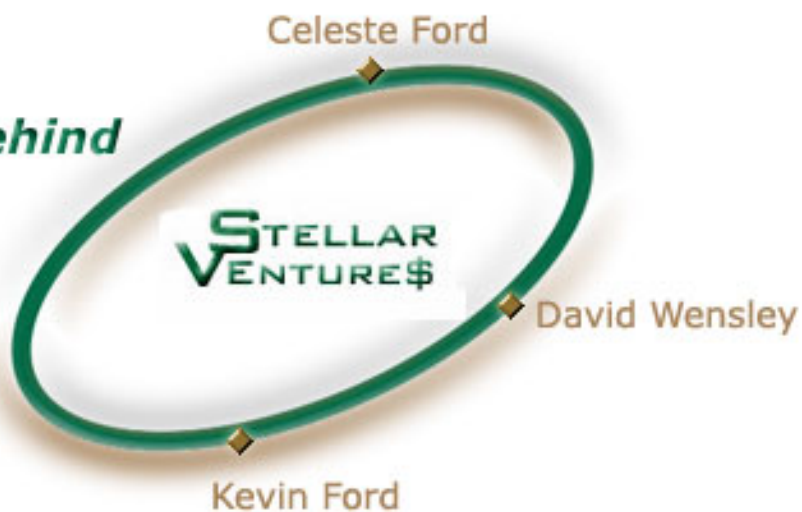
What We  
Offer

Projects

People

Contact Us

## *The people behind*





Stellar  
Venture\$

Focus

Criteria

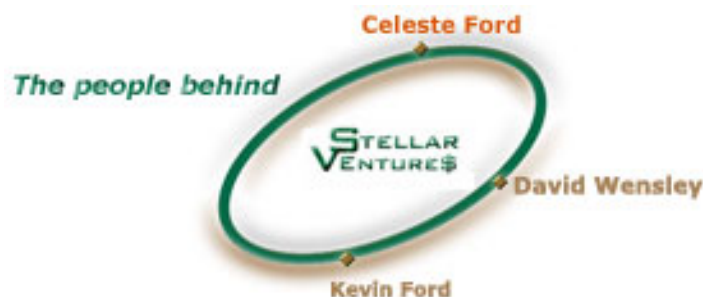
What We  
Offer

Projects

People

Contact Us

## Celeste Ford:



Celeste Volz Ford is the founder and CEO of Stellar Solutions, Inc., an aerospace engineering consulting firm with personnel located in California, Colorado and the Washington D.C. area. Under her guidance, Stellar Solutions has grown more than tenfold since its inception in 1995 by participating in projects of national and international significance. In 1998, Ms. Ford established the Stellar Solutions Foundation to support community-based organizations and charities.

Ms. Ford earned a B.S. degree in Aerospace Engineering from the University of Notre Dame and an M.S. degree in Aerospace Engineering from Stanford University. Over the course of her career, Ms. Ford has assumed positions of increasing responsibility, each of which prepared her for the leadership position she holds today.



Stellar  
Venture\$

Focus

Criteria

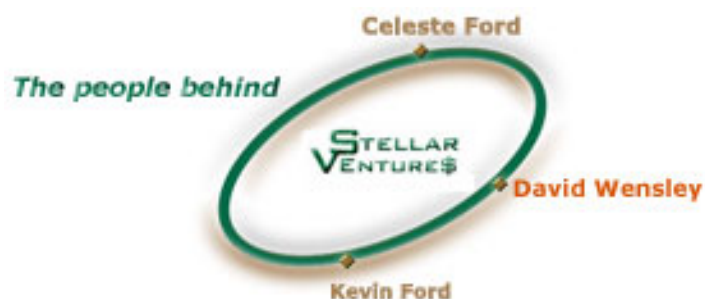
What We  
Offer

Projects

People

Contact Us

## David Wensley:



Mr. Wensley has considerable experience managing new ventures in the electronics, imaging, aviation, and instrumentation fields. For the last 8 years, Mr. Wensley has served as CEO. During this time, he has overseen private financing, acquisitions, divestitures, technology development, new product rollouts, and various other entrepreneurial activities. Mr. Wensley is a graduate of UC Berkeley.



Stellar  
Venture\$

Focus

Criteria

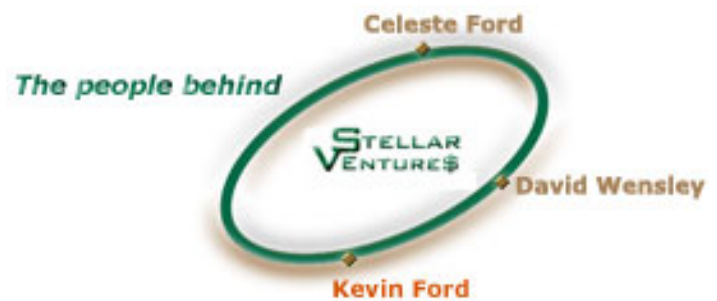
What We  
Offer

Projects

People

Contact Us

## Kevin Ford:



Mr. Ford is an experienced finance professional, having served as CFO to various organizations for the last ten plus years. As CFO of a Northern California conglomerate, he oversaw the divestiture of a hotel chain and investments in leased intermodal carriers and real estate investments in excess of \$250 million. Mr. Ford began his career in public accounting with a predecessor to the Big Five, is a graduate of Notre Dame University and UC Berkeley (MBA), and is a certified CPA and CFA.



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

## Stellar Ventures offers the following:



To Entrepreneurs:

[To Business Owners With Businesses For Sale:](#)

### To the Entrepreneur:

The principals of Stellar Ventures share a common experience with you, the entrepreneur. We have walked the path of creating new businesses from scratch.

With this common background, we have several valuable things to offer you. If there is a good fit with focus and criteria, we are in a position to provide you resources, assistance, or financing.

If you are confident you are properly positioned to approach traditional venture capital firms, then we encourage you to do this as we may have little to offer a company at this stage. But, if you are in an early stage venture, we feel strongly that we can leverage our experience and our contacts to better position you to meet your financing objectives.



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

**Stellar Ventures offers the following:**



[To Entrepreneurs:](#)

To Business Owners With Businesses For Sale:

### **To Business Owners With Businesses For Sale::**

Stellar Ventures is actively seeking businesses for acquisition. Our acquisition criteria favors stable technology hardware/manufacturing businesses in Northern California (or relocatable), with a solid revenue base.

We are only interested in businesses that are profitable (on a recast basis).

Our ideal target is \$10 to \$25 million in revenues.

We have a strong interest in telecommunications hardware companies.

[Stellar Venture\\$](#)[Focus](#)[Criteria](#)[What We Offer](#)[Projects](#)[People](#)[Contact Us](#)

## Stellar Projects:

- ▶ [Elf Sensing](#)
- ▶ [Chem Alert](#)

### ELF Sensing

Stellar Solutions staff have reviewed over a hundred scientific papers describing ELF/earthquake correlations, and we feel that ELF monitoring is an under-exploited, promising technique for short-term earthquake risk assessments. We believe the solutions might reside in continuously monitoring ELF emissions, first from the ground, then from space.

We feel so strongly about this that we started by funding, designing, and building several low-cost ELF monitoring ground stations, using a proprietary 3-axis antenna capable of detecting pico-Tesla per root hertz signals. The system uses a commercial PC and a 1-800-phone links to keep costs down. We have also funded and organized a multi-high school science project to build an 11-station network of sensors to be installed along the San Andréa's and Hayward Faults in the Bay Area. We have one system operating 24 hrs per day for over a year, and the remaining systems, should be on line by the late fall of 2000. A large-scale, ground-based network, built to monitor the major fault zones in northern California was just funded by the State of California (CSTA Grant), and will allow us to build and deploy 40 additional units, with a monitor deployed every 20 miles, near the faults. This high school science project is demonstrating that civilians (schools) can be considered a reliable, low-cost, year valuable part of a large, data gathering research project. We used China as a model, where they have more than 10,000 civilians gathering earthquake data today.

We now feel that it is time to consider a space-based ELF monitoring system to augment the limited ground-based system being built. The promising results of the early Cosmos and Aureol ELF monitoring, and the availability of low cost satellites and "piggyback" launch opportunities, make it practical to fly an ELF sensor on a satellite to perform world-wide monitoring of these earthquake signals.



## Stellar Projects:

- ▶ [Elf Sensing](#)
- ▶ [SPR Biosensor](#)

### SPR BioSensor

*Stellar Solutions Inc.* aims to develop and commercialize a novel line of portable bio-technology instruments based on the Surface Plasmon Resonance (SPR) principle. These affordable handheld devices would enable users to rapidly and accurately detect trace levels of specific chemical and biological species. By creating a whole new class of portable biotech sensing devices, SPR has enormous investment potential.





Stellar  
Venture\$

Focus

Criteria

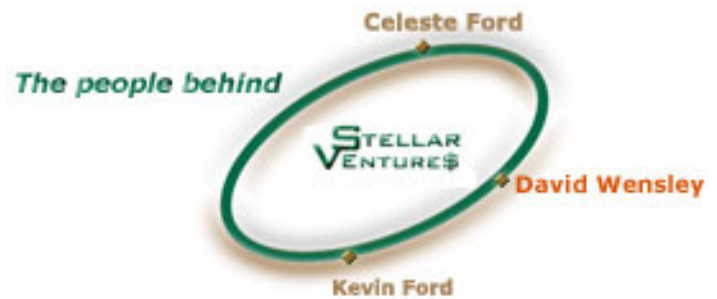
What We  
Offer

Projects

People

Contact Us

## David Wensley:



Mr. Wensley has considerable experience managing new ventures in the electronics, imaging, aviation, and instrumentation fields. For the last 8 years, Mr. Wensley has served as CEO. During this time, he has overseen private financing, acquisitions, divestitures, technology development, new product rollouts, and various other entrepreneurial activities. Mr. Wensley is a graduate of UC Berkeley.



Stellar  
Venture\$

Focus

Criteria

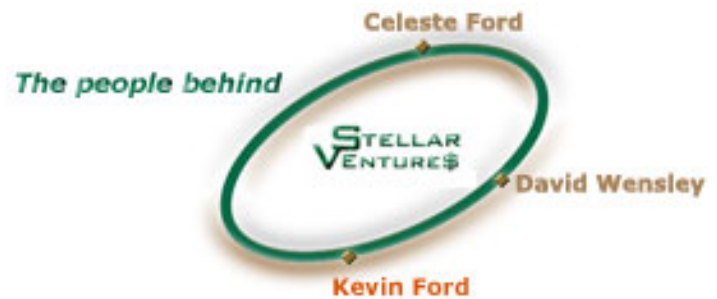
What We  
Offer

Projects

People

Contact Us

## Kevin Ford:



Mr. Ford is an experienced finance professional, having served as CFO to various organizations over the last fifteen years. As CFO of a Northern California conglomerate, he oversaw the divestiture of a hotel chain and investments in leased intermodal carriers and real estate in excess of \$250 million. Mr. Ford began his career in public accounting with a Big Five accounting firm, is a graduate of the University of Notre Dame and UC Berkeley (MBA), and is a CPA and CFP.



Stellar  
Venture\$

Focus

Criteria

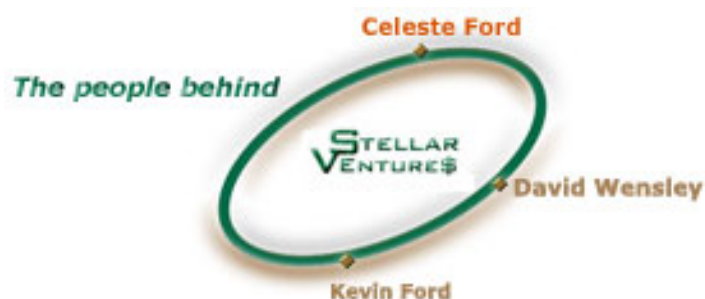
What We  
Offer

Projects

People

Contact Us

## Celeste Ford:



Celeste Volz Ford is the founder and CEO of Stellar Solutions, Inc., an aerospace engineering consulting firm with personnel located in California, Colorado and the Washington D.C. area. Under her guidance, Stellar Solutions has grown more than tenfold since its inception in 1995 by participating in projects of national and international significance. In 1998, Ms. Ford established the Stellar Solutions Foundation to support community-based organizations and charities.

Ms. Ford earned a B.S. degree in Aerospace Engineering from the University of Notre Dame and an M.S. degree in Aerospace Engineering from Stanford University. Over the course of her career, Ms. Ford has assumed positions of increasing responsibility, each of which prepared her for the leadership position she holds today.

## Stellar Projects:

- ▶ [Elf Sensing](#)
- ▶ [SPR Biosensor](#)

### SPR BioSensor

*Stellar Solutions Inc.* aims to develop and commercialize a novel line of portable bio-technology instruments based on the Surface Plasmon Resonance (SPR) principle. These affordable handheld devices would enable users to rapidly and accurately detect trace levels of specific chemical and biological species. By creating a whole new class of portable biotech sensing devices, SPR has enormous investment potential.



[Stellar Venture\\$](#)[Focus](#)[Criteria](#)[What We Offer](#)[Projects](#)[People](#)[Contact Us](#)

## Stellar Projects:

- ▶ [Elf Sensing](#)
- ▶ [Chem Alert](#)

### ELF Sensing

Stellar Solutions staff have reviewed over a hundred scientific papers describing ELF/earthquake correlations, and we feel that ELF monitoring is an under-exploited, promising technique for short-term earthquake risk assessments. We believe the solutions might reside in continuously monitoring ELF emissions, first from the ground, then from space.

We feel so strongly about this that we started by funding, designing, and building several low-cost ELF monitoring ground stations, using a proprietary 3-axis antenna capable of detecting pico-Tesla per root hertz signals. The system uses a commercial PC and a 1-800-phone links to keep costs down. We have also funded and organized a multi-high school science project to build an 11-station network of sensors to be installed along the San Andréa's and Hayward Faults in the Bay Area. We have one system operating 24 hrs per day for over a year, and the remaining systems, should be on line by the late fall of 2000. A large-scale, ground-based network, built to monitor the major fault zones in northern California was just funded by the State of California (CSTA Grant), and will allow us to build and deploy 40 additional units, with a monitor deployed every 20 miles, near the faults. This high school science project is demonstrating that civilians (schools) can be considered a reliable, low-cost, year valuable part of a large, data gathering research project. We used China as a model, where they have more than 10,000 civilians gathering earthquake data today.

We now feel that it is time to consider a space-based ELF monitoring system to augment the limited ground-based system being built. The promising results of the early Cosmos and Aureol ELF monitoring, and the availability of low cost satellites and "piggyback" launch opportunities, make it practical to fly an ELF sensor on a satellite to perform world-wide monitoring of these earthquake signals.



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

**Stellar Ventures offers the following:**



[To Entrepreneurs:](#)

To Business Owners With Businesses For Sale:

### **To Business Owners With Businesses For Sale::**

Stellar Ventures is actively seeking businesses for acquisition. Our acquisition criteria favors stable technology hardware/manufacturing businesses in Northern California (or relocatable), with a solid revenue base.

We are only interested in businesses that are profitable (on a recast basis).

Our ideal target is \$10 to \$25 million in revenues.

We have a strong interest in telecommunications hardware companies.



Stellar  
Venture\$

Focus

Criteria

What We  
Offer

Projects

People

Contact Us

## Stellar Ventures offers the following:



To Entrepreneurs:

[To Business Owners With Businesses For Sale:](#)

### To the Entrepreneur:

The principals of Stellar Ventures share a common experience with you, the entrepreneur. We have walked the path of creating new businesses from scratch.

With this common background, we have several valuable things to offer you. If there is a good fit with focus and criteria, we are in a position to provide you resources, assistance, or financing.

If you are confident you are properly positioned to approach traditional venture capital firms, then we encourage you to do this as we may have little to offer a company at this stage. But, if you are in an early stage venture, we feel strongly that we can leverage our experience and our contacts to better position you to meet your financing objectives.