

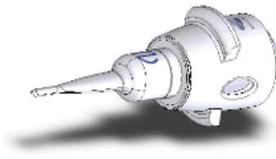
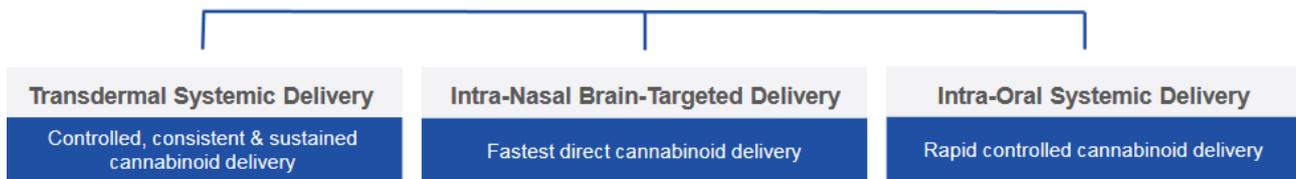
# **The only patented “nano-particle delivery system” to transport cannabis directly into the bloodstream drives interest**

The medicinal industries have created many secondary businesses and products that go on to be huge successes.

NanoSphere Health Sciences Inc. (CSE: NSHS) is a nano biotechnology company paving the way in the development of innovative delivery systems for cannabinoids, medications, nutrients, and animal health. The Company provides the only patented “nano-particle delivery system” to transport therapeutic agents directly into the bloodstream for maximum absorbency. The Company’s initial focus has been on cannabis delivery systems.

## **Evolve Formulas – A nano-particle delivery system for cannabis**

NanoSphere’s Evolve Formulas is the provider of the world’s first and only scientifically proven nano-particle delivery system for cannabis. NanoSphere’s Evolve Formulas and applicators are very unique in the way they deliver medicinal cannabis to the body. By encapsulating cannabinoid molecules in lipid membranes, they are transported through the skin and into the bloodstream within minutes. NanoSphere’s delivery system makes particles easy to absorb and completely bypasses the gastrointestinal tract. No more need for needles or swallowing horrible medicines.



/ 12 /

## NanoSphere's delivery systems

On October 10 2018, NanoSphere announced that it has entered the next phase of its partnership with Vertical™, the largest fully integrated company in the legal medical cannabis industry. Official production has started to bring its commercial cannabis brand, Evolve Formulas, into the California market.

Robert Sutton, Chairman and CEO of NanoSphere Health Sciences and Evolve Formulas said: "We're thrilled to break ground and enter the next phase of our partnership with industry leader Vertical by bringing our patented technology to the world's largest legal cannabis market. With California representing nearly a third of the North American cannabis market, the commencement of production in this powerhouse state marks an enormous step for the Evolve Formulas brand in our national expansion strategy."

## Product Overview:

**Evolve Cannabis**  
Nano-Encapsulated Intra-Oral THC  
5 mg / 10 mg THC



Faster time of onset.  
Clinically proven to  
work within 10-20  
minutes



Optimized for rapid  
absorption and delivery to  
cannabinoid receptors



The only delivery  
system available in  
cannabis



Formulated with  
pharmaceutical-grade  
cannabis. Tested for  
purity and refined for  
quality

Vertical™ recently presented Evolve™ to a trade show for the California legal cannabis industry. J. Smoke Wallin, President of Vertical said: “Evolve stood out for its unique value proposition to patients everywhere. This has led to a backlog of pre-orders from accounts waiting for us to launch with California compliant packaging in November. The market can’t wait!”

Evolve Formulas is currently available in over 200 dispensaries in Colorado, with hemp-based products soon to launch in Indiana. California is the first of numerous markets across the country to begin manufacturing the Evolve Formulas products under NanoSphere Health Sciences’ licensing partnership with Vertical.

NanoSphere has already partnered with Delta 9 Cannabis INC to bring products from its cannabis brand, Evolve Formulas, into the Canadian market.

### **Future markets next for NanoSphere**

NanoSphere’s first push has been into cannabis delivery; however Nanosphere also has several other potential markets it plans to tap into in the future as shown in the graphic below.

Current Market Sizes				
	Medical & Recreational Cannabis	Pharmaceutical & OTC	Dietary Supplements	Animal Health
Commercial Application	NanoSphere Cannabinoids	NanoSphere Rx & OTC	NanoSphere Nutraceuticals	NanoSphere Animal Health
US Market Size	\$24 billion <sup>1</sup>	\$333 billion <sup>2</sup>	\$131 billion <sup>4</sup>	\$23 billion <sup>5</sup>
Canadian Market Size	\$4 billion <sup>1</sup>	\$18 billion <sup>2</sup>	\$10 billion <sup>2</sup>	\$5 billion <sup>3</sup>
Revenue Source	Product Sales & License	License & Royalty	Product Sales	License & Royalty

NanoSphere's potential markets

NanoSphere certainly ticks all the right boxes. They have an in demand (and award winning) product for cannabis delivery, and can expand across other sectors delivering pharmaceuticals, over the counter medicines, dietary supplements and animal health products. The runway for potential future growth is huge. One to follow.

---

## David Sutton on innovation in the cannabis market and what's next for NanoSphere Health Sciences

"Listing in Canada gave us enormous exposure as well as helped us identify a partner, a licensed producer, there that could help us expand our exposure to the cannabis market. Canada is on the forefront of doing this on a global basis. It made sense to look to Canada and to Delta 9 as providing that

avenue...They are very innovative in how they are growing. They are using new technologies to ensure a better product. They are using these pots. We saw their innovation and our innovation in how to deliver cannabis as a match made in heaven." States David Sutton, President and Director of NanoSphere Health Sciences Inc. (CSE: NSHS), in an interview with InvestorIntel Corp. CEO Tracy Weslosky.

**Tracy Weslosky:** David we know that InvestorIntel audience members like the jockey. It is a very competitive market out there. You have quite the reputation for actually turning transformed concepts into profitable businesses. You selected NanoSphere. Can you tell us why?

**David Sutton:** Absolutely. This technology has disruptive capabilities in multiple industries. When you have a piece of technology that can do that, the potential for profitability and revenue growth is phenomenal.

**Tracy Weslosky:** David, in addition to selecting NanoSphere as a candidate you want to turn into a profitable business, are there any benefits on listing and being based in Canada? How does this Delta 9 fit into this program?

**David Sutton:** Listing in Canada gave us enormous exposure as well as helped us identify a partner, a licensed producer, there that we could expand our exposure to the cannabis market. Canada is on the forefront of doing this on a global basis. It made sense to look to Canada and to Delta 9 as providing that avenue.

**Tracy Weslosky:** David I obviously do not have my head around Delta 9. Can you tell us a little bit more about this competitive technology?

**David Sutton:** They are very innovative in how they are growing. They are using new technologies to ensure a better product. They are using these pots. We saw their innovation and our innovation in how to deliver cannabis as a match made

in heaven.

**Tracy Weslosky:** Speaking of Canada and, of course, North America, you just recently announced that you began production through one of your vertical companies in California. Can you give us some highlights of this deal please?

**David Sutton:** Absolutely. The company is actually called Vertical Companies. Why we selected them to license our technology to is, as the name suggests, they are vertically integrated from grow all the way through distribution, which is key in the California market as they require a third-party distribution to get your products into retail outlets.

**Tracy Weslosky:** You have just moved into Indiana with your NanoSerum Hemp solution. This sounded kind of fun. Can you tell us a little bit more about this?

**David Sutton:** This is our hemp-based CBD product that can now be shipped across state borders. Has a lot of the similar benefits that our other products do, but now we have a wider audience. Not everyone likes to get high every day, but everybody likes to take a dietary supplement or receive the benefits of CBD every day. It is an enormous market that we are launching in the Midwest to start.

**Tracy Weslosky:** The ten story vantage point for NanoSphere really has to do with your patent for the nanoparticle delivery system. I think it is a good time to remind us all about this competitive advantage.

**David Sutton:** Absolutely. We have 2 patents. The first patent revolves around our nano encapsulation technology and how we put that together no matter what we put inside of it. It provides us protection in any industry that we are operating in. Now our cannabis patent that utilizes what we call the master patent provides us wide protection in the cannabis space. It provides better bioavailability, consistent dosages and unique benefits that you cannot find anywhere else...to

access the complete interview, [click here](#)

Disclaimer: NanoSphere Health Sciences Inc. is an advertorial member of InvestorIntel Corp.

---

# **A revolutionary nano-particle delivery system for cannabis provides a Star Trek moment**

NanoSphere Health Sciences Inc. (CSE: NSHS) (“NanoSphere”) is a nano-biotechnology company based in Greenwood Village, Colorado, USA. NanoSphere is a company paving the way in the development of innovative delivery systems for cannabinoids, medications, nutrients, and animal health. The Company provides the only patented nano-particle delivery system to transport the highest level of therapeutic agents directly to the bloodstream for maximum absorbency.

## **Evolve Formulas – Transdermal NanoSerum**

NanoSphere’s Evolve Formulas is the provider of the world’s first and only scientifically proven nano-particle delivery system for cannabis. Evolve’s pioneering product, Transdermal NanoSerum™, is a fast-acting, ultra-strength transdermal formula infused with nano-encapsulated cannabis and cannabis extracts. NanoSphere’s delivery system makes particles easy to absorb and completely bypasses the gastrointestinal tract and respiratory system. Only 6% of edible cannabis and 20% smoking cannabis enters the body.

# Product Overview:

**Evolve Cannabis**  
Nano-Encapsulated Intra-Oral THC  
5 mg / 10 mg THC



Faster time of onset.  
Clinically proven to  
work within 10-20  
minutes



Optimized for rapid  
absorption and delivery to  
cannabinoid receptors



The only delivery  
system available in  
cannabis



Formulated with  
pharmaceutical-grade  
cannabis. Tested for  
purity and refined for  
quality

## Nanosphere Evolve product

NanoSerum™ immediately penetrates the skin to deliver direct-focused results and intelligently carries a full spectrum of cannabinoids and phytochemicals to receptors throughout the body for systemic healing.

Now I am thinking, I have seen this on an episode of Star Trek. In the world of Star Trek, there's no need for needles as the Doctor administers medicine through the skin using a painless jet-injected hypo-spray. Considering this is a TV series from the 1960s, several futuristic ideas are already commercially viable on today's market – The cell phone (Flip Phone), laptops and tablet computers, 3D printers (replicators, still waiting for the food version though), large screen TVs and much more.



The comparison on the left is Nanosphere's Evolve product and on the right is Star Trek's hypo-spray

### **NanoSphere is winning technology innovation awards**

In recognition of the innovative and disruptive work the company is doing, NanoSphere has been recognized with a nomination from the National Cannabis Industry Association (NCIA) for the Excellence in Technology award in infused products and extraction. The award is granted to a company that has developed a new technology that will have a lasting effect on the industry. NanoSphere Chief Science Officer Dr. Richard Kaufman said: "It comes as no surprise to us that our technology is being recognized for its market disruption. We are proud of our achievements so far in the nano-particle delivery space and look forward to advancing our technology with new applications and new markets." This delivery platform, was also recently awarded the Frost and Sullivan 2018 Best Practices Award for Technological Innovation.



Cannabis marijuana leaf

In recent news (July 31, 2018), NanoSphere announced they had entered into a partnership with Delta 9 Cannabis INC to bring products from its cannabis brand, Evolve Formulas, into the Canadian market. Delta 9 shares NanoSphere's vision for bringing innovative and reliable products to market for recreational and medical consumers alike in the only G7 nation that has legalized cannabis for both purposes. Under the agreement, Delta 9 and NanoSphere will each receive 50 percent of the net revenue from sale of Evolve Formulas products. The initial term of the agreement is 36 months following the date of the first commercial sale of licensed products. Delta 9 is a licensed producer of marijuana and operates an 80,000 square foot production facility in Winnipeg, Canada.

NanoSphere Health Sciences Inc. has a market cap of C\$ 42 m. The Company is only just now starting commercial sales of their products, so revenue figures will start to follow soon.

How many of today's innovators have been inspired by the Star Trek TV show. This technology has the potential to change the

way medicine is delivered efficiently to the body. It will have needle phobia people and parents dancing in the street. The potential for the Company to expand into new markets is enormous. So for now investors can look to buy some shares in NanoSphere, watch some more Star Trek shows, and keep a close eye on the progress of NanoSphere.