

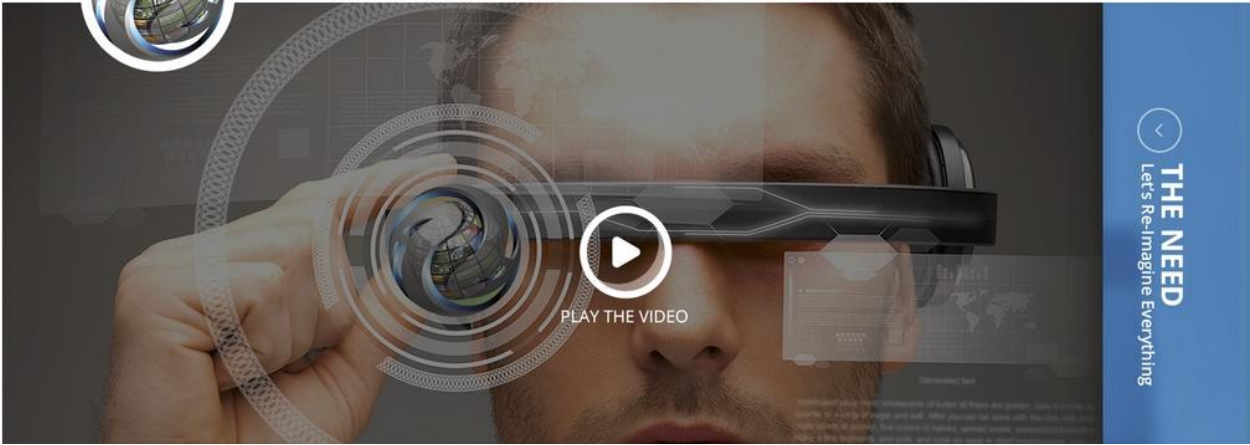


Executive Summary



ATTOBahn
QUANTUM SPEED NETWORK

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ATTObahn

Quantum Speed Network

Company Mission

[ATTObahn's](#) mission is to develop a New Ecosystem (ATTO-Technology) which will provide each mobile ATTObahn user with 20 Gigabit per second dedicated wireless broadband connectivity.

Industry Background

The current Internet was originally designed for text data more than a quarter century ago. The primary structure of this architecture is the Internet Protocol: TCP/IP transport router systems that have been functioning at the integration layer, which processes data, voice, and video.

Existing Internet Service Providers (ISPs) co-operate using this architecture to retrieve data for their customers.

The problem that has plagued the Internet is its inconsistent performance in delivering both voice and video in high quality at speeds required for new technological growth, adoption, and the scale necessary for further innovation.

Problem

The existing Internet network can be described as a low-quality consumer network that was originally designed for narrowband data. The network does not efficiently carry high capacity voice, video, interactive video conferencing, real-time TV news reporting and streaming video, high capacity mission critical corporate operational data, or high resolution graphics in a dynamic environment.

The current global Internet infrastructure has evolved initially from major industrial nations to small developing countries, but with a litany of network performance problems, inconsistencies and a multiplicity of quality issues.

The hardware and software manufacturers of IP-based networks have cobbled together a series of mismatched hardware technologies over the years as the increasingly miniaturized computing world of connected devices rapidly migrated to billions of users, resulting in the rapid growth of wireless devices to accommodate mobility and always and everywhere online interactions.

Solution

The ATTObahn network will be an alternative network providing access to the Internet by bypassing TCP/IP altogether to provide download speeds of 20 Gb per second to each customer. This is more than 5,000 times faster than 4G and 1,000 times faster than the average U. S. consumer Internet service.

For example, at 20 Gb per second, ATTObahn customers will have the bandwidth to download a high definition movie of 3 - 4.5 gigabytes in approximately 2.4 to 3.6 seconds.

Our network design utilizes millimeter wave high frequency radio transmission, orbital timeslot, the interleaving of ultra-high-speed digital bits technology via an advanced ATTOsecond Multiplexing (ASM) schema, and an underlying cell-based framing protocol.

ATTObahn has the following patent applied for: On June 6, 2014, ATTObahn filed with the Patent Cooperation Treaty (PCT) International Application Serial # [PCT/US14/40933](#).

Market Size

According to a recent report by [Strategy Analytics](#), the number of U.S. wireless subscriptions will reach 400 million by 2020.

Total mobile service revenues will reach \$197 billion by 2020, and data revenues will enjoy a 3.3% growth rate through that period.

Internet service providers (ISPs) will see revenues of \$96 billion in 2016, according to a report by [IBISworld](#).

Since 2010, the amount of wireless data usage has multiplied 30x, from 388 billion megabytes to 9.65 trillion megabytes in 2015, according to the [annual survey](#) by the CTIA.

The demand for data and throughput speeds continues to grow dramatically, as consumers demand more data and faster data connections

According to the International Telecommunications Union (ITU), the number of people with internet access will reach 3.2 billion as of year 2016.

By the end of 2015, there are more than 7 billion mobile cellular subscriptions, corresponding to a penetration rate of 97%, up from 738 million in 2000. ([Source](#))

Business Model

Our business model features a dual scalable strategy:

1. ATTObahn servers for OTT content providers, like Netflix, Amazon, other Internet service providers.

Content provider services have located their data centers so far away from remote locations that existing Telecoms have to expend resources to accommodate these far away distances before they can even reach the masses. The ATTObahn advantage is that we can deploy island implementations of ATTObahn servers by building dedicated networks where these content providers are. ATTObahn will create multiple locations for a fraction of the cost block by block in a viral manner.

NFL City hubs – move the content data centers/clouds from the remote locations to the NFL cities. Today the content providers have remote centers and this burdens the phone companies to move all of this data across the country to the users who are in the NFL cities.

ATTObahn network rollout can be done with a CONTROLLED ISLAND IMPLEMENTATION – in an incremental block-by-block, zip code-by-zip code, city-by-city fashion. We roll out where the people are, in a congested viral manner.

Our expansion model is in accordance with how retail enterprises establish their locations: The NFL City rollout assures that the density to support advertising-based monetization is maximized from day one.

2. A native ATTObahn consumer device called the ATTO Rover.

The ATTO Rover will be free to consumers and is a handheld-sized, standalone device. The device will enable each user to receive broadcast video at speeds up to 20 Gb per-second.

The infrastructure literally takes the information technology architecture out of the office, home, entertainment, medical, recreational, and every walk of life environment and imports it into vehicles, creating a global mobile, ubiquitous information technology distribution, network computing infrastructure.

The architecture of the TTC is such that the end user never misses a beat of their information connectivity at work, home, school, or to any cyber accessible APP while traveling.

Competition

Potential competitors such as Internet ISPs have so much invested in their legacy technologies that they do not represent a serious threat to ATTObahn's disruptive network.

It is the nature of legacy incumbents to maximize their focus on their existing infrastructure in order to maximize their return on investment and sunk costs. In fact, their shareholders demand it and management has a fiduciary duty to maximize existing investment returns.

For incumbents to do otherwise would result in cannibalizing their existing business and revenue streams. This is the essence of the "innovator's dilemma" and puts legacy providers in a defensive position when compared to disruptive technologies such as those being developed by ATTObahn.

Potential competitors to ATTObahn may include legacy Internet ISPs such as Comcast, AT&T, Verizon, and other the 5G consortiums.

The advantages of ATTObahn are:

FEATURES	5G	ATTObahn
1. USERS	Consumers & Businesses	Consumers & Businesses
2. DATA RATES END USER	1 Gigabit per second	10 to 40 Gigabits per sec
3. DEPLOYMENT	YEAR 2020	YEAR 2018
4. TECHNOLOGY CAPACITY BEFORE NEXT UPGRADE	5 YEARS	10 -15 YEARS
5. COST/USER/YEAR	\$1,428	\$0

Customer Acquisition

We expect high fixed cost to achieve low unit cost to leverage economies of scale.

ATTObahn is pursuing primarily an advertising-driven revenue model. We will provide the ATTO Rover device free of charge to users and obtain a percentage of advertising revenues to monetize the network cost.

We believe that this free-to-the-user model combined with the inevitable word of mouth virality will drive rapid adoption of our network with little marketing costs.

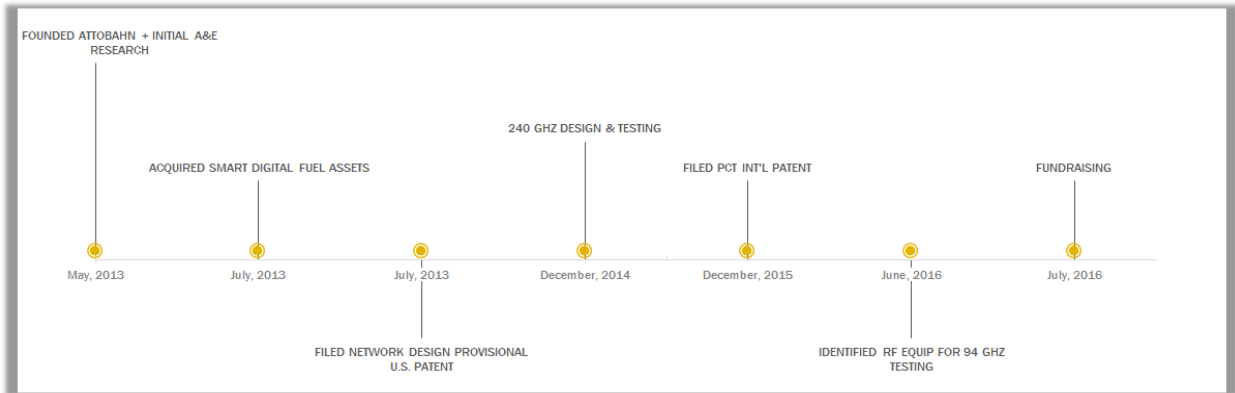
We will develop strategic alliances to buy and integrate our IWIC (Intelligently Wise Integrated Circuits) chips into their new hardware (Phone, Computer, PDA, Tablet and TVs) which will “Atto-Fi” Panasonic, Samsung, etc. devices using ATTObahn’s API.

Financial Projections & Milestones

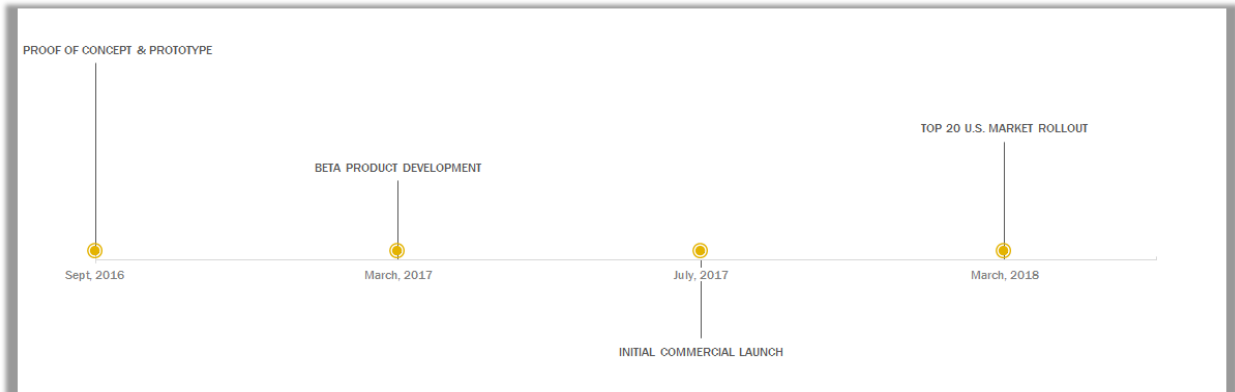
	Year 1	Year 2	Year 3	Year 4	Year 5
# of Customers	218,000	617,000	40,230,000	40,230,000	40,230,000

# of Employees	34	34	34	34	34
Gross Revenue	\$21,801,000	\$61,670,000	\$4,023,000,000	\$4,023,000,000	\$4,023,000,000
Total Expenses	<u>\$20,207,000</u>	<u>\$50,378,000</u>	<u>\$2,493,918,000</u>	<u>\$1,946,763,000</u>	<u>\$1,862,225,000</u>
Net Income After Tax	\$1,594,000	\$11,292,000	\$1,529,082,000	\$2,076,237,000	\$2,160,775,000

Historical Milestones



Future Forecast Milestones



Team



Darryl Gray

Chief Executive Officer

Mr. Gray has served as President, CEO, and Chairman of the Board since its inception. Mr. Gray founded SMART Technology, Inc. (SMART) in 1991 - 2010, a premier technology solutions and professional services company based in Northern Virginia. During his tenure as President and CEO, he directed SMART's early transition from building networks into cross-platform systems integration solutions, which also included Internet based software application solutions.

Mr. Gray has provided a decade of successful support to the U.S. Department of Army and The U.S. Department of Transportation, Federal Highway Administration where he received notable acknowledgments for the piloting, testing, and initial acceptance of an Intelligent Mapping System that we now use every day as personal Global Positioning Systems (GPS).

The achievement of transforming a contract to simply manage a conference room into a War Room of Information Technologies, earned Mr. Gray the prestigious "Small Business of the Year Trail-Blazer Award," presented by the former U.S. Secretary of Transportation. SMART was the recipient of several other awards from the U.S. Commerce Department for the innovative management support systems to facilitate International Trade Missions and Conferences; He also received the "Assistant Secretary Award for Excellence" from the U.S. State Department for the development of a Continuity of Operations (COOP) Plan under his dynamic stewardship.



Peter Stratos

Chief Financial Officer

Peter is the Chief Financial Officer of ATTObahn, Inc. where he serves as steward, operator, strategist and catalyst. He became an International Tax Consultant & Advisor for both individual and corporate taxes.

Stratos began his career as a senior Tax Accountant for David & Samson, P.L.L.C., where he then joined Goodman & Co., L.L.P., as Tax Supervisor and then Senior Tax Manager providing

management of the tax compliance, planning and consulting process as well as developing and maintaining client relationships assisting them with strategic tax planning and implementation issues. Stratos structured multiple international organizations to minimize US tax exposure before moving to a Tax Compliance Specialist position for the General Business Group at Ernst & Young, LLP.