





## Brian Ruttenbur, Managing Director, Imperial Capital Talks About 2021-2022 Security Trends Tuesday, November 16th 2021, 8:06 AM EST

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He has over 25 years of experience in investment and equity research. He was most

Keegan.

Defense, Government Services and Cyber Security sector.

recently a Director, Investment Banking at Drexel Hamilton where he successfully executed numerous transactions in both Defense and Cybersecurity. His experience at Drexel Hamilton included Director of Equity Research, where he

Mr. Ruttenbur is focused on the Security Industry, primarily on transactions in

provided and published analysis on public companies in the Defense and Security space, as well as oversaw the Equity Research operations prior to transitioning to investment banking. Prior to Drexel Hamilton, Mr. Ruttenbur was Managing Director, Equity Research at BB&T Capital Market. He provided analysis in the

Aerospace & Defense sectors and published extensive industry reports. Mr.

Ruttenbur's experience includes firms CRT Sterne Agee Capital Group and Morgan

Mr. Ruttenbur earned a BA from University of Tennessee and MAS from University of Montana and served as an officer in the USAF securing nuclear weapons.

SecuritySolutionsWatch.com: The security headlines keep coming, day after day, and they are not good ones....Colonial Pipeline, randsomware, killware, "shots fired"...our daily lives, our infrastructure sometimes feels more vulnerable than ever before...and the bad guy might be a foreign government, terrorist group, sophisticated hacker group, home-grown terrorist, and, unfortunately, sometimes from within, from a disgruntled employee. What is your perspective on this Brian ... are things getting better or getting worse?

Brian Ruttenbur: I do not see a decrease in the threats to our collective security and

safety. In fact, I believe the security industry is addressing an increasing number of

threats from physical to cyber. Using an analogy, the security industry has been like

the famous Dutch boy who saves his country by putting his finger in a leaking dike.

The problem with this analogy is that there are an increasing number of leaks and

not enough "Dutch boys" to plug the holes. On a positive note, a major result of the

pandemic is an elevation of security and safety in all areas of life. We are seeing an

We are honored to chat with Brian

Ruttenbur, Managing Director, Imperial

Automation, and Alarm Monitoring.

increased investment in the industry by

SecuritySolutionsWatch.com: Can you

enterprises and individuals.

Capital about security trends and honored to be a media sponsor with the Imperial Capital Security Investor Conference."

— Martin Eli, Publisher

Sector and provide some trends you are seeing in the sector?

Brian Ruttenbur: My current coverage is in Alphabetical order: Ambarella (AMBA), ADT Inc. (ADT), Alarm.com (ALRM), Allegion plc (ALLE), Cognyte Software (CGNT.O), Evolv Technologies Holding, Inc. (EVLV), Identiv Inc. (INVE), Napco Security Technologies, Inc. (NSSC), OSI Systems (OSIS), Resideo Technologies, Inc.

(REZI), ShotSpotter (SSTI), Snap One Holdings Corp (SNPO), Universal Electronics

To access Imperial Capital Research Reports on Evolv Technologies Holding, Inc.

(EVLV), and Snap One Holdings Corp (SNPO), and to see additional images and

Key trends I am spotting include: Convergence of three markets - IoT, Home

The traditional alarm monitoring market operates under a business model where

high margin recurring monthly revenue is used to subsidize initial costs (primarily

hardware and installation costs). The traditional model has been very successful in

We believe IoT and Home Automation providers are beginning to move to an Alarm

signing long-term contracts). This shift can be observed with recent companies like

Latch Inc (LTCH - Not Rated) and Smart Rent (Not Rated) both offering services to

multifamily facilities with high recurring fees (we will discuss Latch in further detail

Security experiencing solid growth and higher retention through a broader offering

expanding its offerings from guard/alarms/cash management to video monitoring

later in this report). We are also observing traditional alarm companies moving

further into IoT and Home automation like ADT and Monitronics/Brinks Home

to its end user. Finally, we see multinational security companies like Prosegur

Demand for Smart Home Devices is up dramatically with our channel checks

confirming that there is no slowdown in consumer spending in this sector. ADT

recently stated that ~ 80% of new customers are wanting smart home solutions not

just security. On the next page is a chart of the most desired consumer smart home

devices. Smart thermostats and cameras remain at the top of the list. We note that

We are convinced that new commercial office construction will likely be down the

next 3-5 years and the main focus over this period for organizations will likely be

(public in Sweden and Not Rated) will continue to dominate the new office space

door/access control products in the commercial sector. In the office retrofit sector

we see smaller, newer, and more nimble competitors offering flexible solutions for

retrofitting existing office space. COVID, in our opinion, has taught our largest and

want to go back to a traditional office full time (5 days per week) and prefer to split

their time between working remotely and going to an office for meetings. Below are

security, scheduling, and access control needs of a post-COVID office will be very

We believe the biggest issue beyond inflation facing the industry is supply chain

delays (longer delivery times as well as uncertainty of the timing) as well as the

rising shipping costs. We note that Allegion (ALLE - In-Line) announced last week

images of a traditional office and a post-COVID office. As is likely obvious the

repurposing existing office space. We believe Allegion (ALLE) and Assa Abloy

construction sector despite the strong and persistent rise in white labeled

the rapidly changing office. We believe there is a strong industry up-tick in

consumers require and prefer ease-of-use over technical innovation and have

gravitated towards less complicated technologies (e.g., master controls of

and home automation to increase RMR or recurring monthly revenues.

Monitoring business model (with limited upfront fees but with the customers

(UEIC), Vivint Smart Home (VVNT), and VOXX International (VOXX).

charts which were published with this interview, please click here:

landing (typically for no upfront fee or a small fee up-front fee) and keeping long-term customers for years that pay monthly recurring fees. In the last several years, we have seen a surge in the IoT and Home Automation markets. The problem with IoT and Home Automation, while growing rapidly, is that they have lacked an integrated offering with a compelling service model thus, there has been limited recurring revenue.

https://securitysolutionswatch.com/Interviews/in\_Boardroom\_Imperial\_Capital\_Brian\_Ruttenbur.html

Overall we are seeing the recurring revenue model being brought into the home automation and IoT sector. The traditional alarm and security companies still operate somewhat differently vs. pure play IoT/Home Automation companies (sales channels/business models etc.) as well as offering different value propositions for the end users (including monitoring centers). What is undeniable, in our opinion, is a move to recurring monthly revenues, cross selling of solutions (IoT, Alarm, Home Automation), and increasing retention rates (higher perceived value for the end users). The melding of these three markets will continue to spur growth for all three segments.

fasted growing part of the workforce, millennials, that they can work as effectively in their shorts and t-shirts from the comfort of their homes. This lesson will be difficult to unlearn. Most millennials (if recent surveys are an indication) do not

different from the traditional office.

Supply Chain Issues a Central Concern

connected devices).

The Post-COVID Office

that they will miss their guidance in 2021 because they cannot get needed product in a timely manner (no demand issues only supply issues). Allegion management lowered revenue guidance to 4%-4.5% from 7%-7.5% for 2021 while other companies saw issues in generating revenues and a decrease in gross profit in the 3Q 2021. **Longer Delivery Times** Across the supply chain we are hearing stories of long delivery times and delays in receiving products. Delivery times from Asia for example pre pandemic were 2-3 weeks. These same deliveries are measured in months with limited certainty on timing. We believe there are many problems with the supply chain from lack of skilled labor (certified short hall truckers and dock workers - just highlighting a few areas) to the historical use of just in time inventory. As a data point, we are hearing about an increasing number of companies stockpiling inventory or buying large quantities of inventory in cash (paying in advance for product in order to "jump line" to ensure they get needed materials) in advance of a projected need. We believe one change in the industry, post pandemic, will be for larger companies to move away from just in time inventory systems.

Shipping costs per container have dramatically risen from pre-pandemic levels to

current levels. For example, a container from Asia to the US would cost \$4K-6K

pre-pandemic now cost \$20K-\$36K per container (depending on the company's

In summary, we see several trends impacting our security coverage universe.

companies are forced to raise prices to keep up with the increasing costs.

Demand remains strong but the inflation and rising costs are concerning to us as

SecuritySolutionsWatch.com: Allied Universal, earlier this year, completed its'

Brian Ruttenbur: I expect additional consolidation in the sector. While Allied

\$4.3 bn (this could put pressure on Allegion to make acquisitions in the sector)

acquisition of G4S, do you expect additional consolidation in the security space?

Universal is making big moves so is: Assa Abloy with HHI from Spectrum Brands for

Blackstone acquisition of The Chamberlain Group which includes LiftMaster for \$5

Prosegur announcing they plan to build out (by making acquisitions) a US security

practice in the next 5 years from a base of \$100mm to \$1B in revenue

volume). Again, the arrival times of these more expensive containers is both longer

Latch and SmartRent with ~1B in cash with most of this cash set aside to Acquire

Alarm.com with over \$600mm of cash and looking to acquire in the sector

billion (announced on September 2, 2021)

(Alarm.com has a history of making acquisitions)

purchase price a. Pelco b. OpenPath c. Envyson

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<u>8</u>,

summarized here:

Physical Security and COVID-19 solutions.

UNISYS, and many SME's, in the USA, EMEA, and APAC.

Rising Shipping Costs

and less predictable.

SecuritySolutionsWatch.com: Thanks again for joining us today, Brian. We look forward to doing another update with you down the road!

For the complete "In The Boardroom" interview with Brian Ruttenbur, Managing Director,

https://securitysolutionswatch.com/Interviews/in\_Boardroom\_Imperial\_Capital\_Brian\_Ruttenbur.html

Motorola - Has made 3 sizable acquisitions in the last year totaling \$531mm in

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