Securon's security system

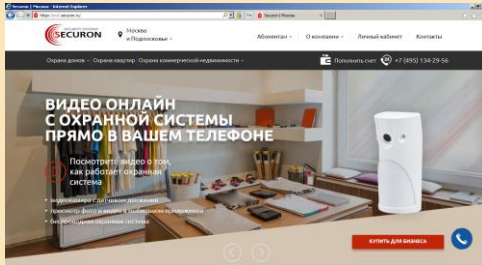**Securon** company http://securon.ru provides service since 2008 year. Company uses professional alarm systems which work with Central Monitoring Stations (CMS or Alarm Receiving Centre (ARC) in other terminology). Securon has own 24/7 monitoring station and provides full complex of accorded services. Securon uses both B2C and B2B models.

Securon uses equipment of different brands. Some of them are "usual" on market and there is no interest to speak about them. But **Frontel Videofied** is innovation product and can be interested for USA market. **Videofied** produces reliable wireless alarm systems with low power consumption what allows to work with wireless camera, door, water, gas sensor up to 4 years without battery replacement (actual for sensors, but not for central panel). It works with Wi-Fi, LAN or GSM connection. Due to high reliability it is enough to have 1 engineer per thousand of objects against 1/100 relation for cheap alarm systems.

http://videofied.com acquired by

Innovative Videofied's idea

Videofied alarm system sends video clip immediately when intrusion happens to Central Monitoring Station. "Intrusion" in case with private house means not "doors were broken and theft is within home", but even "suspicious event happened near the home / flat / other commercial object and you have video of that". Operator reviews attached video just in several seconds after event happened and decides if it is dangerous. If it is dangerous, operator calls the Police or alternative security service which arrives object in short time.

Real video examples:
https://www.videofied.com/uk/videos-sales-resources

Detailed concept description
https://www.videofied.com/uk/videofied-concept/#1518602052811-7d36a888-8312.

Videofied produces equipment. That means they do not make money on software but provide it for free. It is "good enough" but not the "best possible". Yeah, it receives events from object and shows them to operators as well as videos. But there is no object's address, only object id (E030000013080001). There is no history of events. Event will be deleted in half of hour. There is no owner's phone and need to find it in separate Excel table… ☹

Securon provides service in real life and to avoid these limitations made own "higher level" solution. It receives event from **Videofied** software and converts to "Intrusion happens on "1600 Pennsylvania Avenue, NW, Washington, DC, 20500". It knows address of nearest police department and shows to operator its phone immediately with video from object. If operator reviewed event and decided it as "dangerous", he immediately calls the Police or transfers them event belong with video confirmation, object address and owner's phone via API.
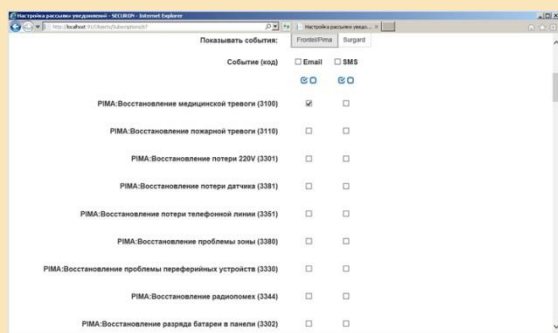

There in **Securon's** application, history of events stores for all time. End-user (owners of house/flat/commercial object) has access to full history of events. End-user receives notifications about events in parallel, as soon as they happened. Detailed information provided for each record.

Administrator sets up system behavior for different event types. For example, dangerous events can be shown by red color and should show popup windows. Engineers should be notified about specific event types (battery discharged, no events for a long time, etc.)
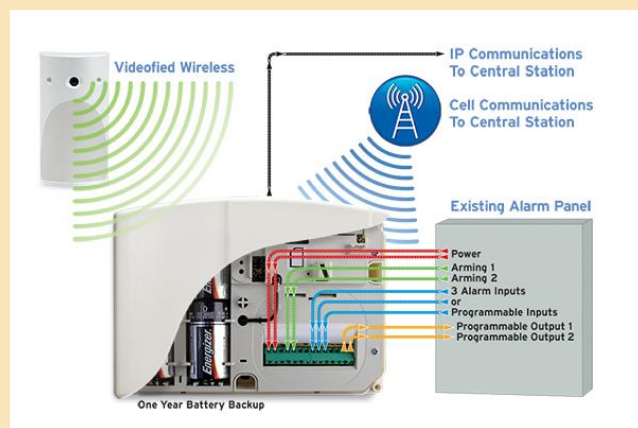

End-users (object owners) have instant access via web application or mobile application to last events as well as history. They can set zone names, subscribe myself to notifications about specific event types by email/SMS. "Events" mean not just "Intrusion happened at 10.00.05" but full lifecycle like "Event happened and transferred to Police, Police inspected object and thieves were catch".

Videofied alarm system can be used for upgrade obsolete alarm systems which already installed on objects but do not have video verification. In this case exists sensors/sound alarms will be used but possibility to send video will be added. **Videofied** alarm system can manage external (discrete) devices via programmable outputs as well.
http://www.videofied.com/uk/videofied-concept/upgrade-with-videofied

About me and history of relations with Securon

I am, Serhii Havrylenko, programmer of **Securon** web-application. It is second version which supersedes first one. First one was built by other programmers from relatively raw ideas about 10 years ago. There were used technologies what are obsolete for now, system had old-fashioned, non-responsive design and yeah, even errors in data structures. We started to cooperate with **Securon** company from fixes of previous version and later decided to rewrite system using latest technologies. I made it alone. Current version built on modern technologies ASP.NET MVC, C#, MS SQL, Entity Framework LINQ, jQuery, JavaScript. All data was imported from previous system (users, objects, sensors, event types, events). New version was tested and debugged and now it is stable and used in real environment.

Resume
https://1drv.ms/w/s!AjZOF9eWIXK-iQJ6qWCmtz3LY5VD?e=Mh6al6

Portfolio
http://eteriosoft.azurewebsites.net

I offered to represent security service of **Securon** in USA and **Securon's** company owner interested. I can provide future development of system as programmer and be a technical leader of project. I sure it has potential for US market because it is not just raw idea of startup, but ready to use complex solution which already works in real conditions. We have trustworthy relations with **Securon** company, it has wide real experience. System built on modern technologies and can be easy improved. I know system in details, **Securon** is ready to help with technical questions/problems. **Securon** is a **Videofied's** dealer and we can use this privilege. **Securon** company ready to provide ready-to use solution for usage in US (application, servers, Central Monitoring Station) for shared profit. I came to US recently and looking for a business partner who has native English and can provide organizational part of business. Please contact me by email sngavrilenko@gmail.com or phone + 1 978 3284787.