

The First Line Facial Recognition System offers a unique solution for protection and control using cutting edge technology which provides prevention and immediate reaction to threats, employee management and accounting, improved access control, & concierge services.

3-28-2016



*Upgraded Access Control
Threat Detection
Visitor Management*

BLUE LINE – What we do...

Our Mission – *To identify, prevent, protect and welcome!*



- Blue Line Technology has brought to market a facial recognition Software product called “First Line” that provides a non- intrusive, “real time” ***identification verification***
- It is designed to be teamed with other security measures providing
 - ID assurance capabilities
 - Ability to take precautionary measures.
- The software offers concierge services for business by providing specific customers with an increased level of attention.



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How does the product work?

First Line software – A security key that cannot be duplicated!

- **Register Images – takes less than 15 seconds**
 - Client uploads an image directly from the computer
 - Client classifies the image (known, unknown, alert)
 - Client uploads pertinent data: automobile, response directions
 - Client set alert notification schedule (who gets the call)
- **Individuals walk through path of the camera for “read”**
 - Camera reads at 30 frames per second
 - Video runs live 24/7
 - 5 days of video stream before data purge
- **Indicator light signals face was read**
- **Status are triggered upon read within a fractional second**
 - **Allow** – positive alert and door can be signaled to open
 - **Not Allowed** – negative alert and door can be signaled not to open
 - **Alert** – (good or bad) immediately sent to defined protocol

PROPER LIVE ENROLLMENT



GREAT – GOOD – BAD



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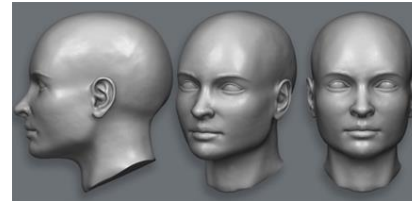
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Product Differentiation Points

The proprietary face matching algorithms (Patent Pending)

- Provide key enhancements including
 - Reads 350 or more points of regional face matching
 - Recognition of faces from live video streams
 - With up to 15 degrees of facial tilt
 - Fractional second read provides
 - No delay
 - On the walk ID recognition
 - Increased % of recognition likelihood
 - Regional Face Mapping
 - - eyes –
 - eyes to nose
 - eyes, nose, to mouth region



BAD – GOOD – GREAT



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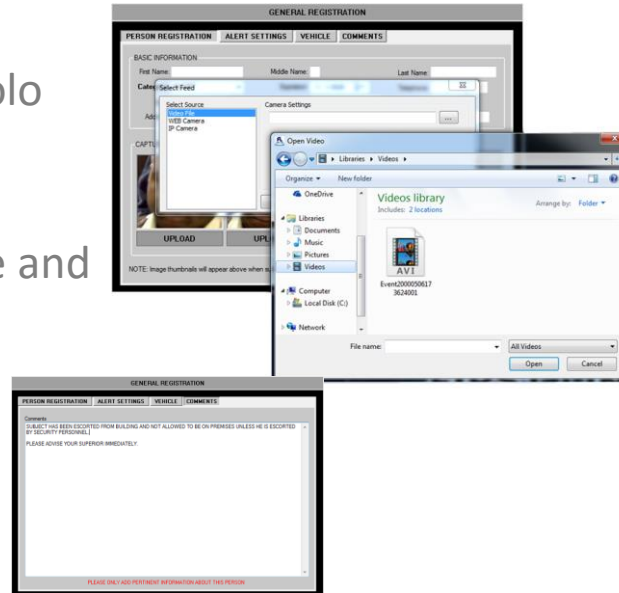
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Product Differentiation Points

The Software - Adds functionality to existing access control systems

- Other benefits
- Data base controlled by the customer
- Email and Text alert identification for bolo capabilities
- Compensates for expression variations
- High accuracy regardless of gender, race and facial hair
- Eliminates legal issue of profiling



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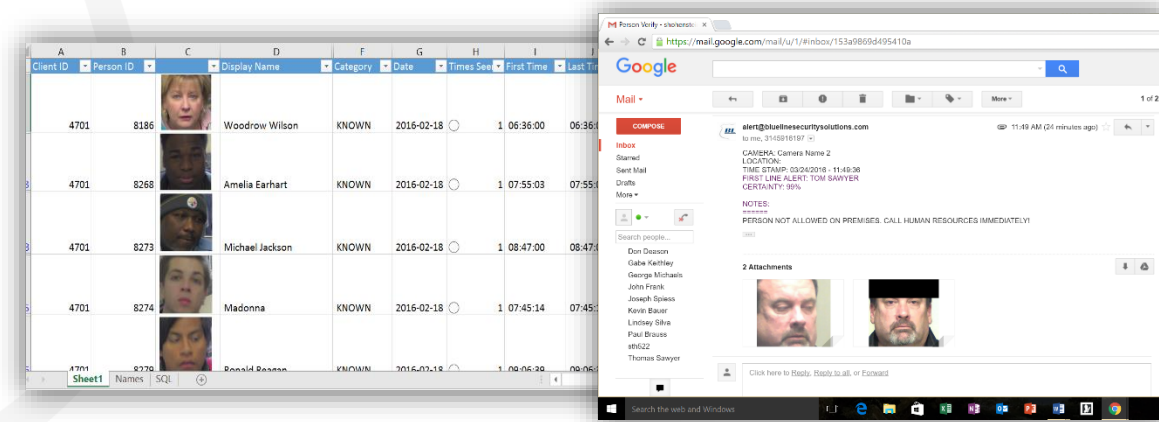
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Product Differentiation Points

Alert and Visitor Record

- An immediate facial read that will actuate a door lock and at the same time “alert”
 - Immediate threat recognition draws attention to surveillance stations
 - Alerted guards move to prevent
 - Text messages or emails are broadcast for customized response protocol
- Provides records of “in-out” traffic helping with safety and security compliance
- First Line can synchronize with wiegand devices for that secondary authentication
 - Combining reports can be tailored as an engineering project



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“First Line” Appliances and kit

Appliance

- Multiple Systems for several applications
- Custom build appliances to fit First Line needs
- Deployments can be multi-use systems, single system, or be a kit with server and appliance
- Application Engineer and developers assist in determining the appropriate appliance
- Standalone or rack mount appliances available.

Software License

- Maintenance subscription
- Database management subscription

Cameras

- Environment, location specific
- Mounting specific
- Matched with POE switch

Product List for Blue Line Technology



FL1-AP-1
Embedded Appliance



FL2-AP-2
Appliance Cube



FL3-LT-1
GTX 970M



FL4-LT-2
GTX 950M



FL5-RAP-1-3U
Rack Mount Appliance



FL6-RAP-1-3U - HSD
Rack Mount Appliance Hot Swap



FL7-RAP-2-1U
Control Room Monitor Appliance



FL8-SDS-1
Enterprise Scalable Data Server



FL9-EDS-1
Entry Level Data Management Appliance



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What we need our cameras to do...

Functions

- Our cameras are asking for more analytical data than typical surveillance
- Real time information occurring immediately
- We require the cameras to –
 - 3-5 megapixel
 - Provide optimal running rate of 15 -30 fps
 - ONVIF (Profile S) conformant
 - Output pairs with existing access control hardware
- Our system:
 - Records
 - Playback
 - Performs Alert Function
 - Monitors for the Known, Unknown, Alert events.

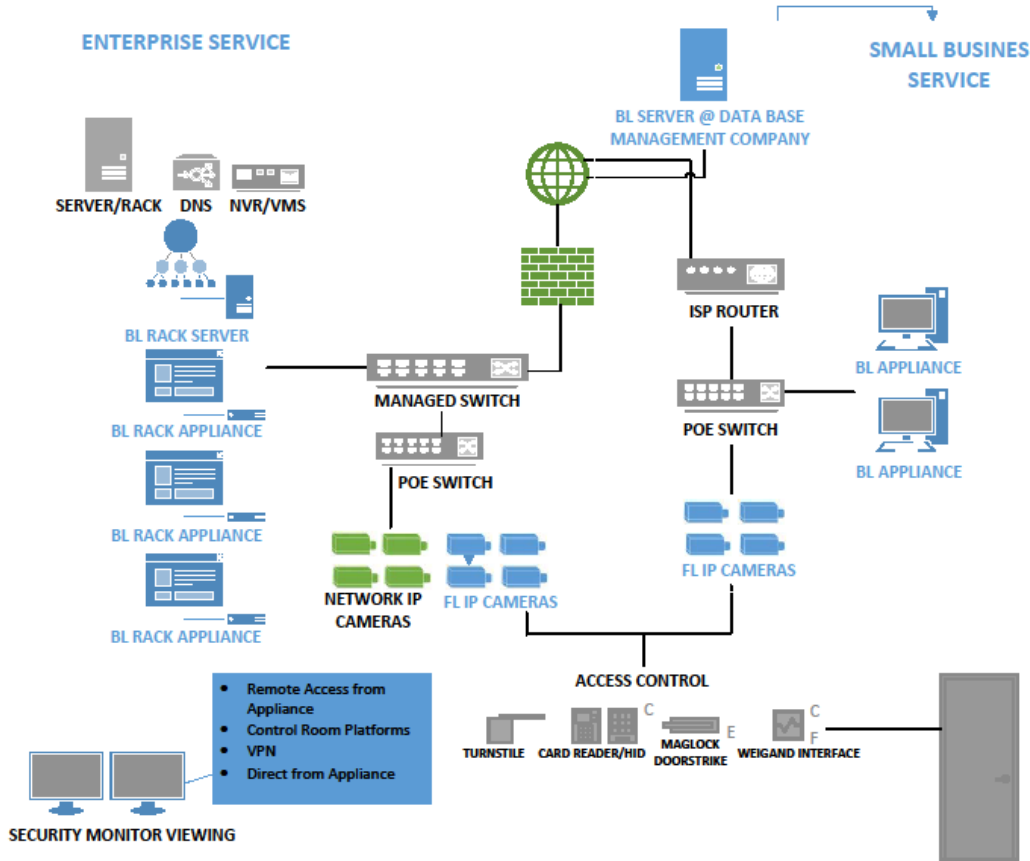


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BLUE LINE NETWORK APPLICATION



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The face becomes the key

If we can't read the face – there is no entrance



- Preventative security that creates a strong deterrent
 - Reduce Shrinkage
 - Thwart armed robbery
 - Protect and Retain employees
 - Best customer identification
- Controls access to
 - Alcohol room
 - Firearms lock up
 - Drug vaults
- Welcome your best customers
 - A personal greeting tool
 - It's our neighborhood and we know you!



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Market we serve – problems we address

When you think of “enhanced surveillance and access control”

the application of our solution is limitless

- The security market growing 27% annually
- The facial recognition market growing +30% annually
- BL’s First Line software – A security key that cannot be duplicated!
 - *Access Control - When you think about access, think entrances/exits, controlled rooms,*
 - *Threat detection – proven to help control workplace violence situations, domestic violence, criminal behavior, restricted movement areas*
 - *Investigative – provides ID verification and aids in prosecution*
 - *Concierge – Provides knowledge of the customer for warm welcome*

Commercial/Retail

Corporate building
Apartment building
Manufacturing
Convenience stores
Garment/jewelry
Gym wellness center

Hospitality

Hotels
Sports Venues
Concert Venues
Concierge desk
Front lobby

Education

Preschool/daycare
Schools K-12
Public/Private
College Campus/Dorms

Hospital/Assisted Living

Emergency room
Maternity
Operating rooms
Memory care/guard
Care giver verification
Drug vaults/Pharma

Government applications

Controlled entrance
2 part ID verification
Investigative
Prosecution
Terrorist threats



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Our partnerships.....

Working together- *To Identify, prevent, protect, and welcome...*



Application Environment

- Corporations
- Hospitals
- Banks
- Retail
- Mass Transit
- Schools
- Casinos
- Nursing Homes
- Gyms
- Government
- High End Living Facilities



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Helping you take care of the person at the door, right now!



THANK YOU



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