TEKWAVE Solutions

TEKControl Technology Suite

Integrated Visitor Management, Access Control, and Remote Entry System

Company Profile

TEKWave Solutions

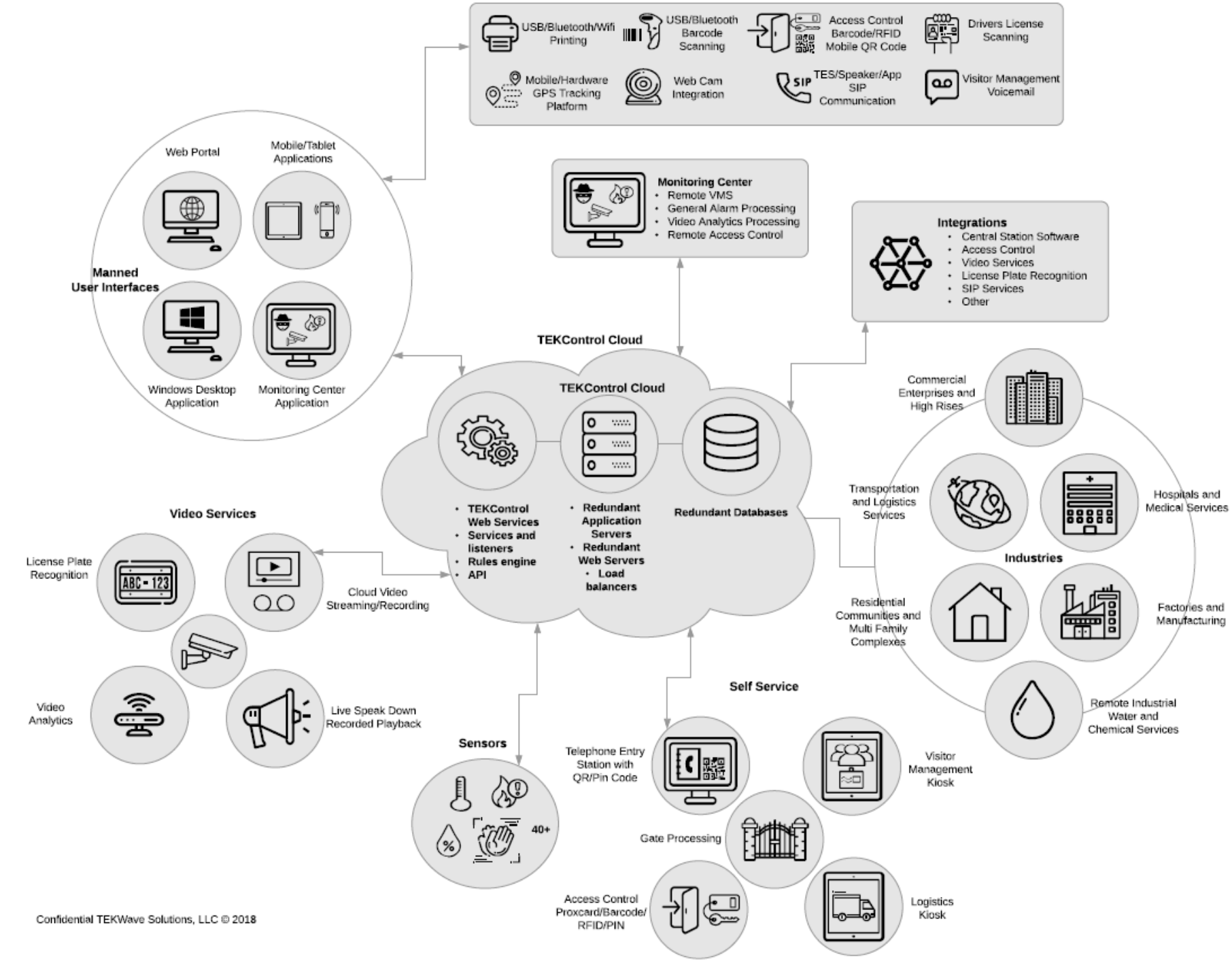
Cloud based solutions for Health, Safety, Security and "Internet of Things" (IoT) with real time KPI analytics

- Atlanta Headquarters
  - Engineering
  - Research & Development
  - Sales
  - Operations
- (3) Cloud Infrastructures
  - Microsoft Azure Cloud computing partner
  - Rackspace Cloud Services
  - Google Cloud
- Customers/Deployments
  - 2500+
  - 90% Fortune 1000

Solutions Overview

Cloud based solutions for Health, Safety, Security and "Internet of Things" (IoT) with real time KPI analytics

- Community Solution
  - Visitor Management
  - LPR
  - Access Control
  - AllBox
- Commercial Solution
  - Visitor Management
  - Access Control
  - Kiosk
  - AllBox
- Logistics Solution
  - Logistics Inspections
  - C-TPAT Compliant
  - Mobile
  - AllBox – Remote Logistics



TEKWave Architecture

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Why Logistics Inspections?

Reduce Liability and Improve Security

- **Securely record details about each and every shipment**
  - **Truck #, Trailer #, Seal #, etc.**
- **Pre-schedule arriving shipments, automatically notify receiving dept.**

  of arrivals
- **Screen and scan Driver's Licenses**
- **Verify eligibility of shipping documents**
- **Produce vehicle passes for speedy departure and on-site verification**
- **Ensure CTPAT compliance and other inspection criteria are met**

Improve Efficiency/Communications

- **User Friendly Interface accelerates truck processing**
- **Pre-Registration of trucks**
- **Automatic Notification of Arrivals (Optional Site Level)**

Reporting

- **Logging and Tracking of all transactions**
- **Quick look up of truck details**
- **Real-Time information exchange between Officers/Admin**

Logistics Overview

Officer at the Gate

- **Truck Check-In and Check-Out**
- **Truck and cargo Inspection**
- **Visitor Processing**

Officer WEB

- **Searches & Reports**

Officer Tablet or PC

- **Truck Processing**
- **Truck Scheduling**
- **Truck Inspection**

Administration

- **Manage Entire Program from the Web**

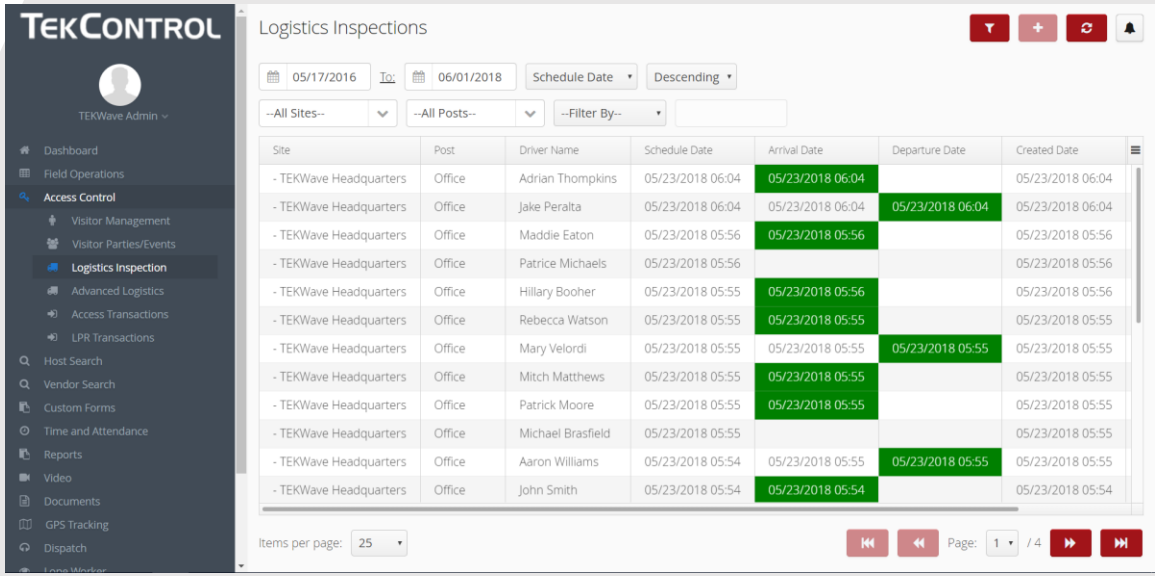
Employee

- **Manage/ Schedule Trucks**
- **Update Profile**

Officer Interface

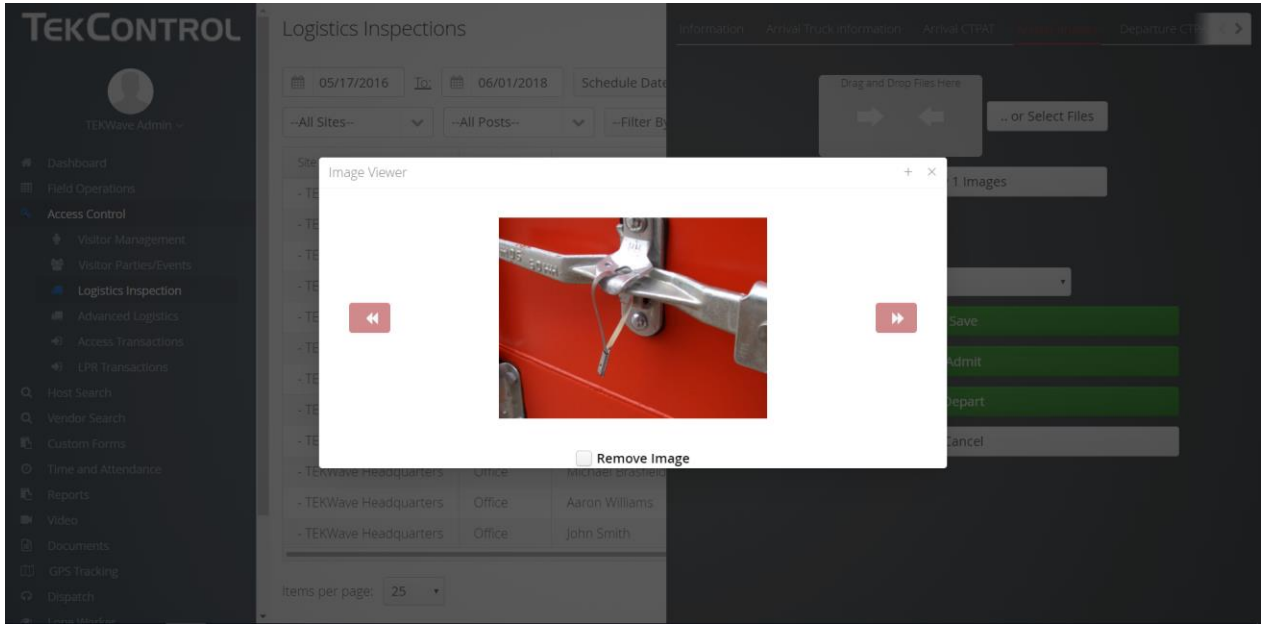
Officer Interface:

- **Officers may use a Tablet**
  - **Package comes with mobile, wireless, driver's license scanner.**
  - **Signature capture with the touch screen**
  - **Take pictures with built in camera**
  - **Large buttons and Text create a User Friendly Interface**
  - **Quick search options for last name, first name, address, PIN, etc.**
- **Officers may use a desktop PC**
  - **Package comes with a desktop driver's license scanner, signature capture, and web cam**
  - **Any brand PC, all that is needed is a web browser**
  - **Simplified interface assists in quick adaptation and ease of use.**



Logistics Processing Photos

Capture damage or important details of the truck by using the tablet to take photos.



Logistics Solutions: Data Tracking

Any Tablet (Android)

- **Mobile with Outdoor viewable screen**
- **Wireless DL Scanner**
- **Battery Pack & Charger**
- **Touch Screen**
- **Wireless Data Plan**

Any Brand PC

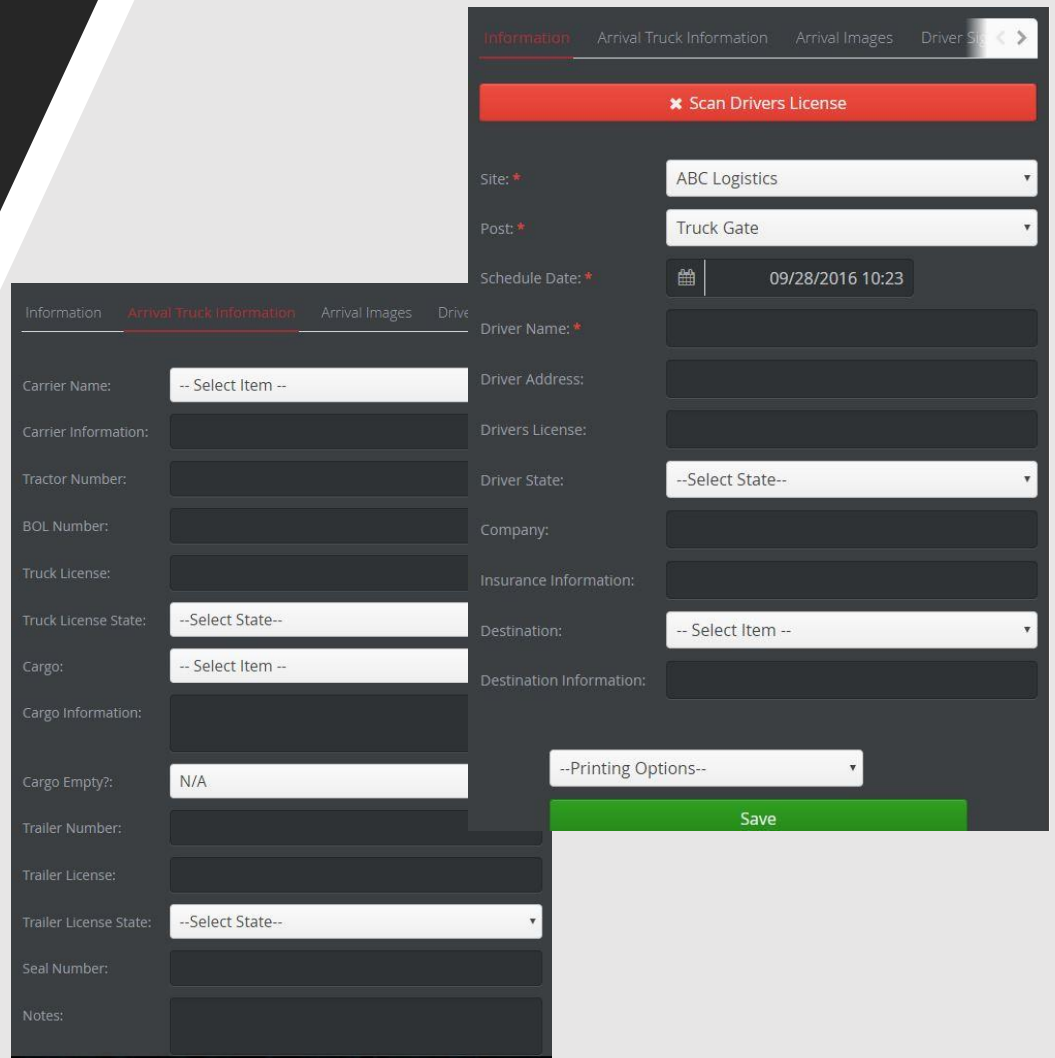
- **Hardware agnostic**
- **Full setup from Desktop PC**
- **Browser Based Software**
- **Cloud Storage**

Logistics Solutions: Data Tracking

Logistics Tracking

200+ Fields:

- **Tractor #**
- **Trailer #**
- **Seal #**
- **Carrier Name**
- **Signature Capture**
- **Photos & Notes:**
  - **Damaged Trailer**
  - **Damaged Truck**
  - **Damaged Seal**



Logistics Inspections

Logistics Inspections
- **Increase Speed, Accuracy & Efficiency**
- **Paperless**

Real Time Reports
- **Ingress & Egress Inspections**
- **Trucks On Site**
- **Trucks Expected**
- **Driver Information**

Searchable Database
- **Find critical information within seconds**
- **Inspection photos maintained in historical records**

Trailer Inventory
- **Keep track of trailers sitting in the yard**
- **Trailer Temperature Logs**

Compliance
- **C-TPAT Container Inspections**
- **TAPA**
- **CCSP**
- **Seal Verification & Inspection (V.V.T.T)**

TEKWAVE
Logistics Inspection Detail Report

Mobile Inspections:
- Driver's License
- Tractor
- Trailer
- Seal
- License Plate
- Photos
- More!

Barcodes: Activity Management

Barcodes & PIN

- **Mobile Lookup**
  - **Scanning a Barcode with the mobile device allows security to see pertinent information about the vehicle or truck driver**
  - **What are they dropping off**
  - **Where should they be**
- **Egress Tracking**
- **Check In/Check Out**
  - **Instantly know who is onsite**
  - **Scan Seals, Barcoded Trailers, etc. to reduce transposing errors.**

Real Time Reporting

Logistics Transaction Log

- Complete details on each and every truck or driver

Gate Statistics Report

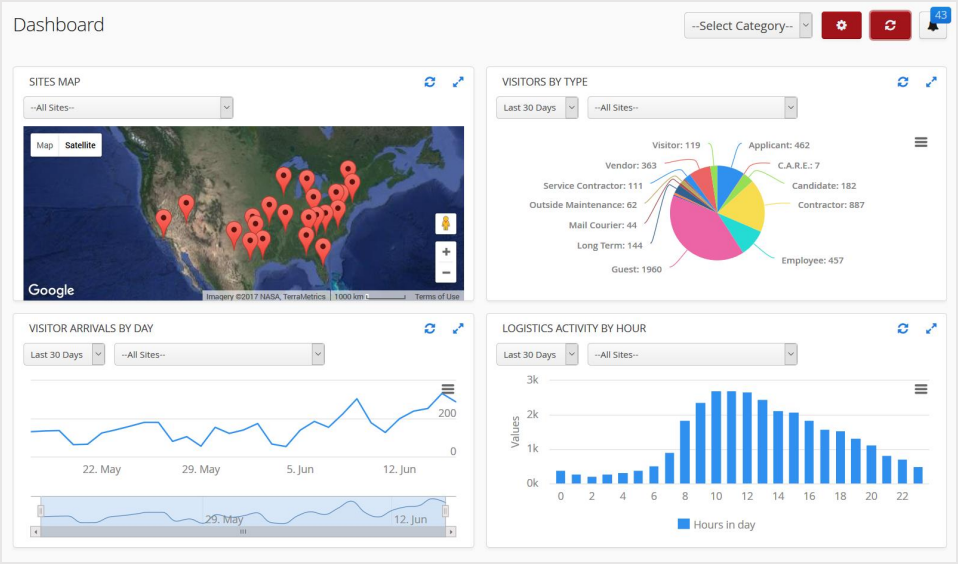
- How many trucks passed through each gate during each hour and what are your busiest times on average

Trailer Inventory Report

- Know what cargo came on site, where it was delivered to, and what condition it was in.

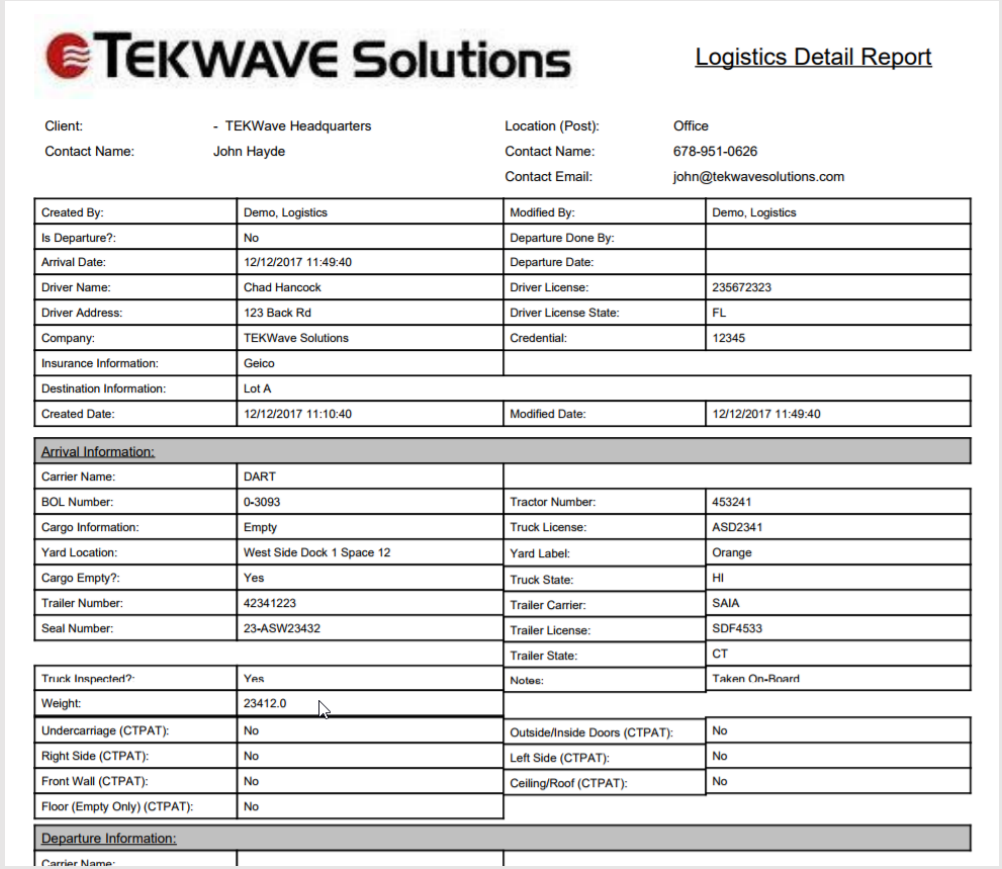
Logistics Export

- Get a comprehensive report on all trucks that came through your facility.



Sample Logistics Report

- **Logs each and every transaction related to trucks, drivers, or vendor access.**
- **Tracks:**
  - **All truck and driver details**
  - **What the cargo was**
  - **Where the load was going**
  - **Much more**
- **Which officer admitted the truck and through which entry point**
- **Retains scanned driver's license data**
- **Search and reporting capability**
- **Export to Word, Excel, CSV for further use**



TEKWAVE Solutions

Logistics Detail Report

Client:	- TEKWave Headquarters	Location (Post):	Office
Contact Name:	John Hayde	Contact Name:	678-951-0626
		Contact Email:	john@tekwavesolutions.com

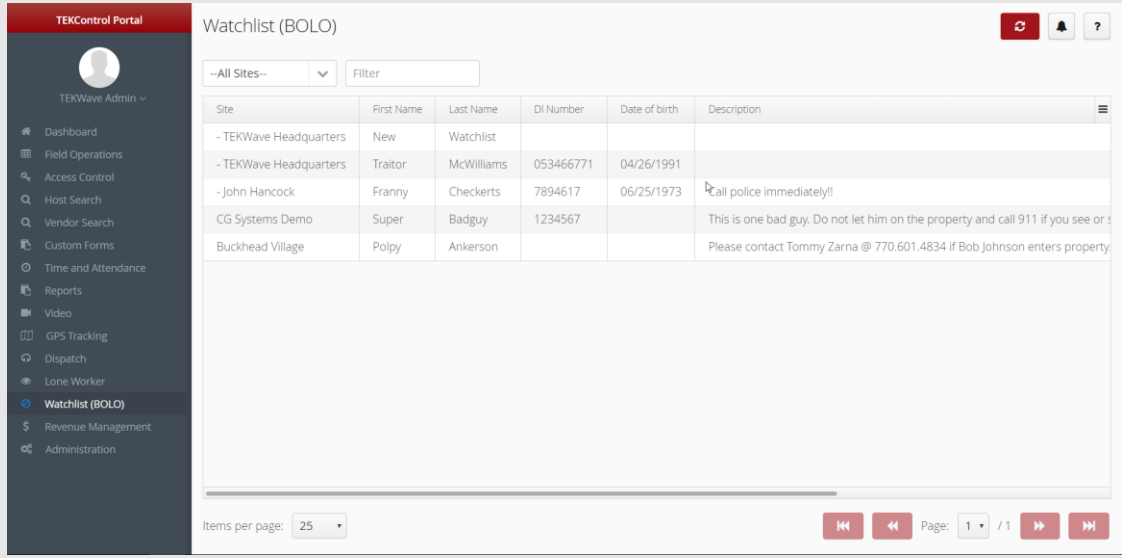
Created By:	Demo, Logistics	Modified By:	Demo, Logistics
Is Departure?:	No	Departure Done By:	
Arrival Date:	12/12/2017 11:49:40	Departure Date:	
Driver Name:	Chad Hancock	Driver License:	235672323
Driver Address:	123 Back Rd	Driver License State:	FL
Company:	TEKWave Solutions	Credential:	12345
Insurance Information:	Geico		
Destination Information:	Lot A		
Created Date:	12/12/2017 11:10:40	Modified Date:	12/12/2017 11:49:40

Arrival Information:			
Carrier Name:	DART		
BOL Number:	0-3093	Tractor Number:	453241
Cargo Information:	Empty	Truck License:	ASD2341
Yard Location:	West Side Dock 1 Space 12	Yard Label:	Orange
Cargo Empty?:	Yes	Truck State:	HI
Trailer Number:	42341223	Trailer Carrier:	SAIA
Seal Number:	23-ASW23432	Trailer License:	SDF4533
		Trailer State:	CT
Truck Inspected?:	Yes	Notes:	Taken On-Board
Weight:	23412.0		
Undercarriage (CTPAT):	No	Outside/Inside Doors (CTPAT):	No
Right Side (CTPAT):	No	Left Side (CTPAT):	No
Front Wall (CTPAT):	No	Ceiling/Roof (CTPAT):	No
Floor (Empty Only) (CTPAT):	No		

Departure Information:			
Carrier Name:			

Watchlist (BOLO)

- Specific individuals can be denied access to certain employees, sites, or clients.
- Alerts are also created when any visitor is denied.
- Visitors on the Watch List are denied based on Name, DL number, Date of Birth, description, Aliases, and Pictures.



C-TPAT Compliant

- **17-Point C-TPAT Inspection**
- **Exception-based picture capture**
- **C-TPAT Reporting and Alerts**
- **Badge printing and signature capture**

Customization and Advanced Logistics

- **Integration with BOL camera allows sensitive documents to be recorded and stored easily.**
- **Integrate our software with your YMS, scheduling software, or any software with ours to create a stream of data and never enter in information twice.**
- **Allow our team to customize our software to your specific needs to speed up your access point while also capturing all information needed.**
- **Allows the guard and/or inspector to pay closer attention to critical details.**

Cameras will take a picture of the license plate then analyze the picture and pull out text that matches the license plate.

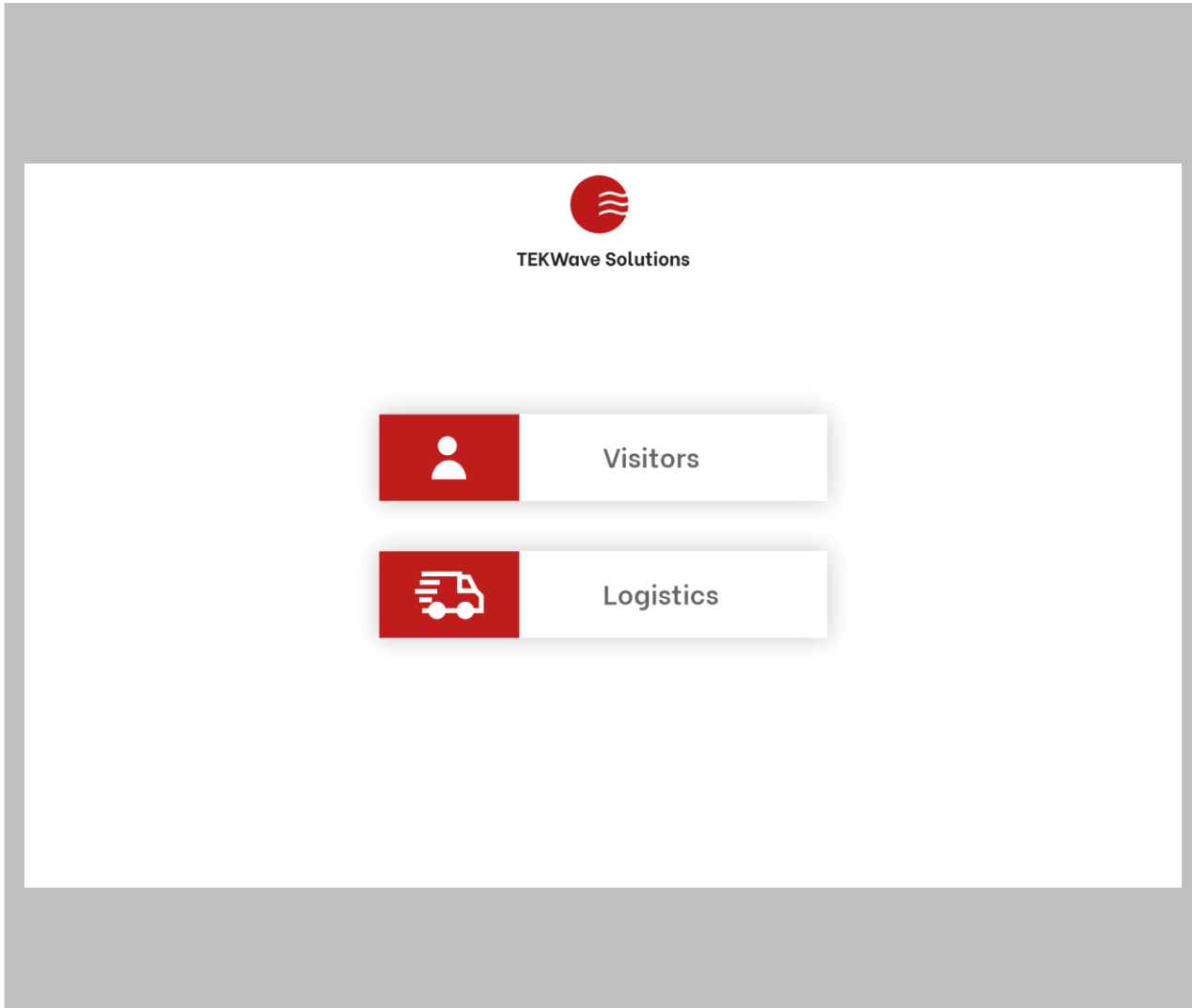
Remote Logistics

AllBox A1

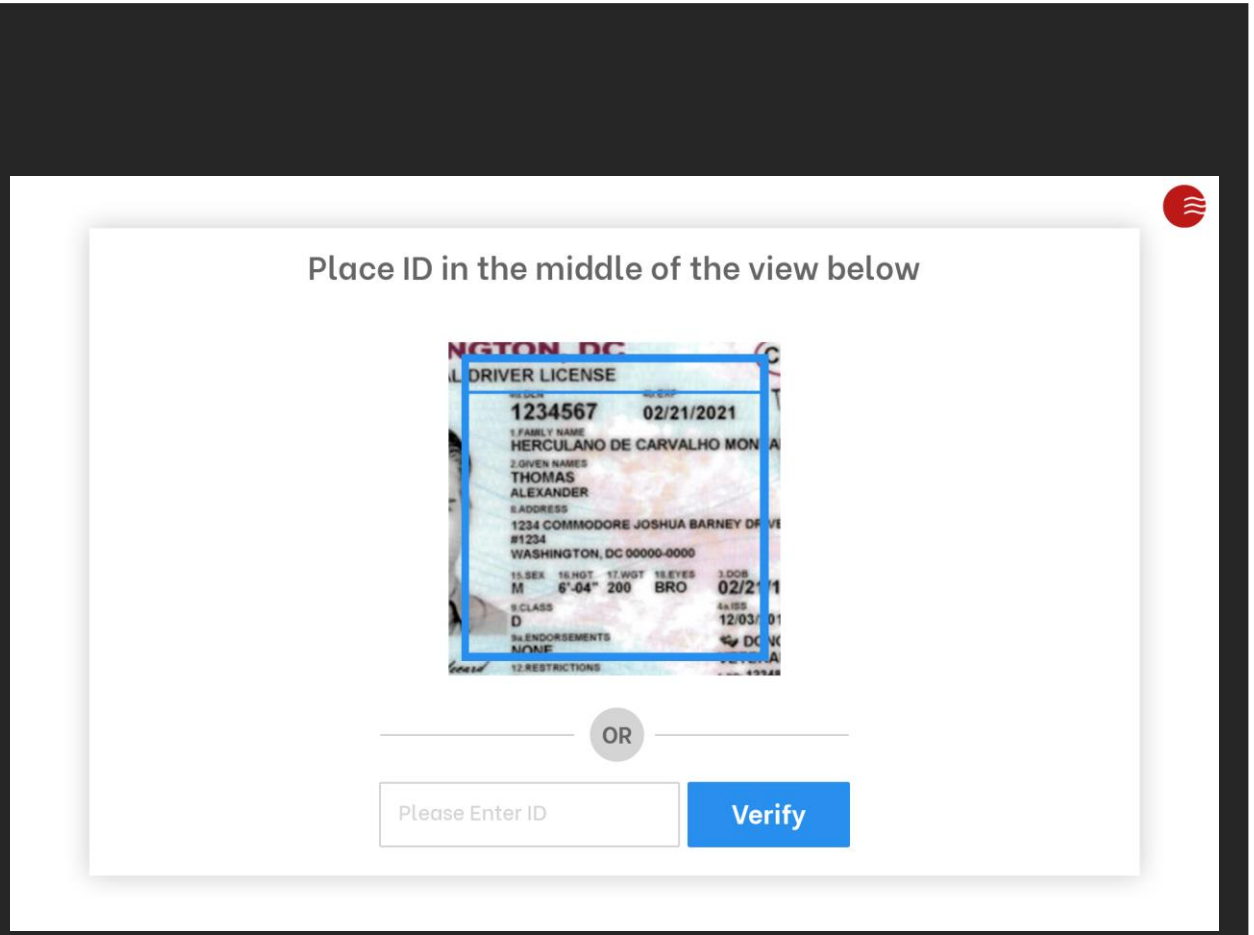
- Robust vandal-proof outdoor kiosk unit with touchscreen interface.
- Temperature controlled aluminum NEMA enclosure that fits all climates and environments.
- 17” touchscreen AIO
- Expandable peripherals: thermal/infrared camera, printer, etc.

AllBox Interface – Home Screen

- AllBox application includes visitor management and logistics inspections.
- Visitor management allows you to process guests coming into the facility by dialing an employee, scanning a QR code from visitor pre-registration, or connecting to a monitoring center.
- Logistics processes trucks through the following ways.



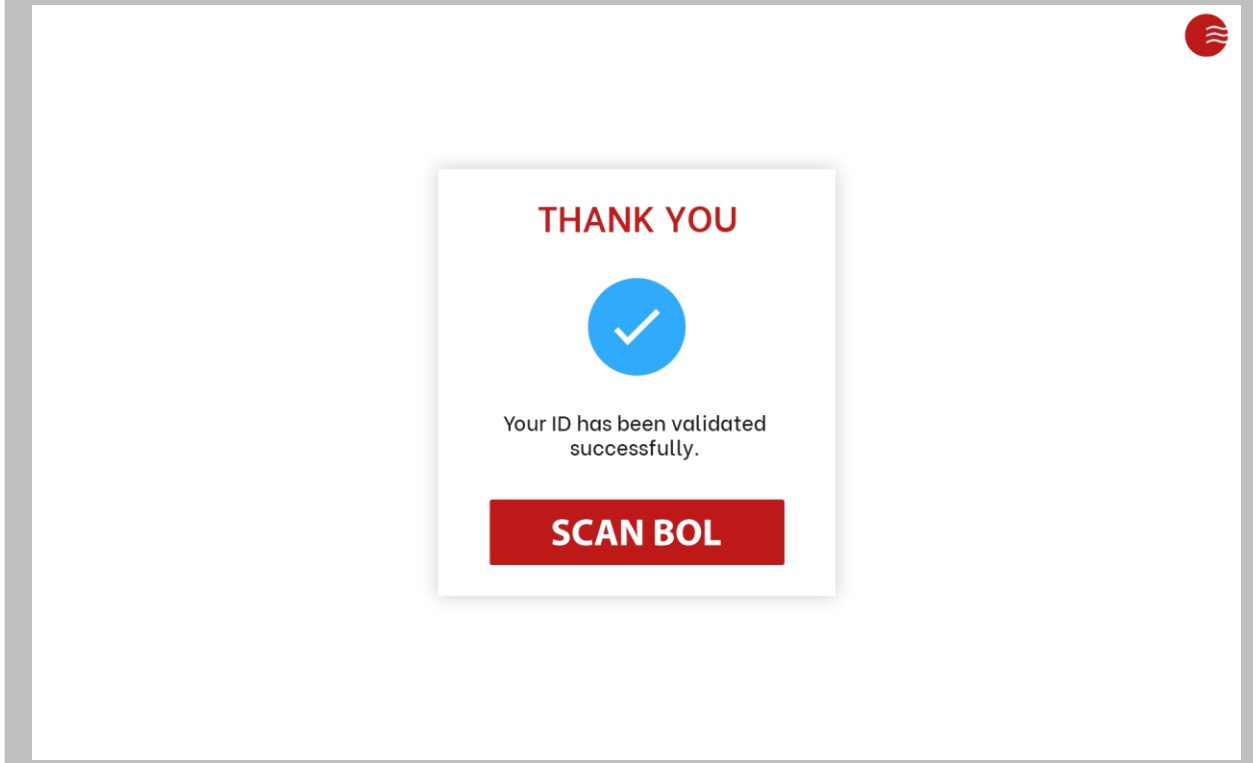
AllBox Interface – ID Scanning



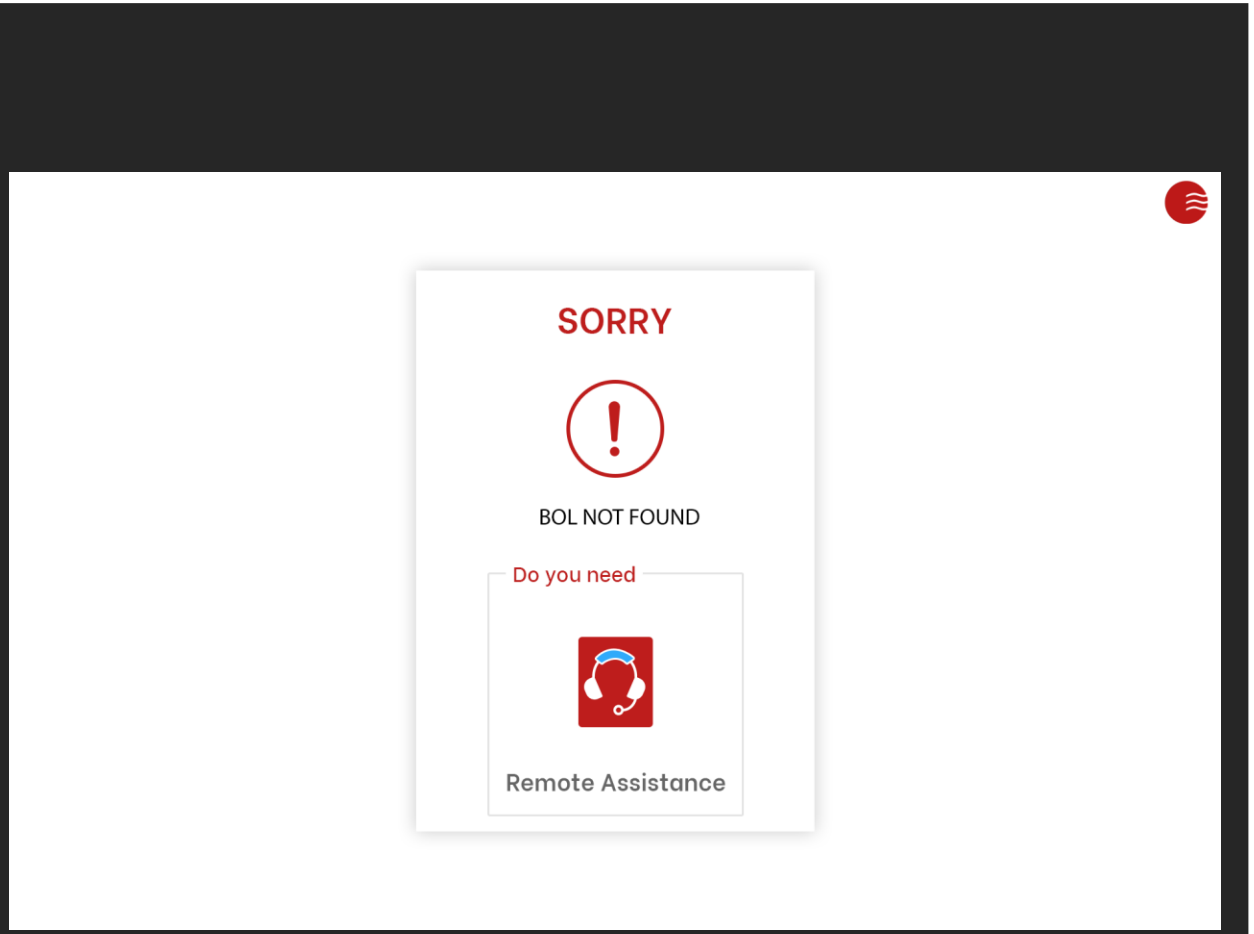
- Once the logistics process is started, a step-by-step process walks the driver attempting to authorize the driver or trailer.
- An ID can be scanned by the front facing camera or by the barcode scanner on the unit.
- This process can be switched with the BOL scanning.
- A negative match can prompt the driver to connect with remote assistance.

AllBox Interface – Positive ID Match

- A successful match of an ID, BOL, or any equivalent evaluation criteria can open a gate and send a notification of a successful process.
- Two factor authentication can be used as a two-tiered security process to move from ID to BOL, or an equivalent unique variable, for processing.
- A negative match will prompt the driver to connect with remote assistance.



AllBox Interface – BOL Scanning



- Any unique identifier can be used for official verification:
  - BOL
  - Trailer Number
  - Seal Number
  - Etc.
- Our logistics inspections application can be integrated with an existing scheduler, YMS, etc. or utilize imports for authentication.

Add-Ons

- LPR – integrated license plate recognition for automatic processing with zero driver interaction.
  - Leverage LPR for watchlist for specific trucks or drivers
- Truck OCR – capture truck numbers and carrier through optical character recognition and a camera tunnel.
- Other Integrations – truck scale integration, internal approval applications, etc.

Why Commercial Visitor Management?

Improve Security

- Screen and Validate visitors and contractors
- Produce credentials for visitors (i.e. passes/badges)
- Process vehicles with multiple passengers

Improve Efficiency/Communications

- User Friendly Interface accelerates visitor processing
- Pre-Registration of Visitors
- Automatic Notification of Arrivals (Optional Site Level)

Reporting

- Logging and Tracking of all transactions
- Quick look up of visitor details
- Real-Time information exchange between Officers/Admin

Officer Interface

Officer Interface:

- **Officers may use a Tablet**
  - **Package comes with mobile, wireless, driver's license scanner.**
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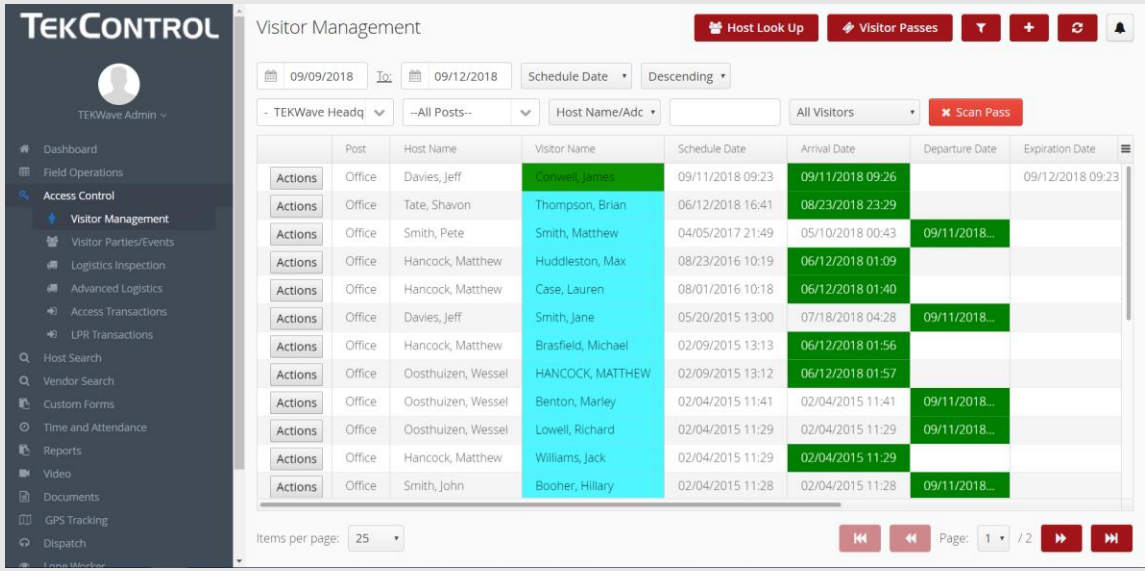
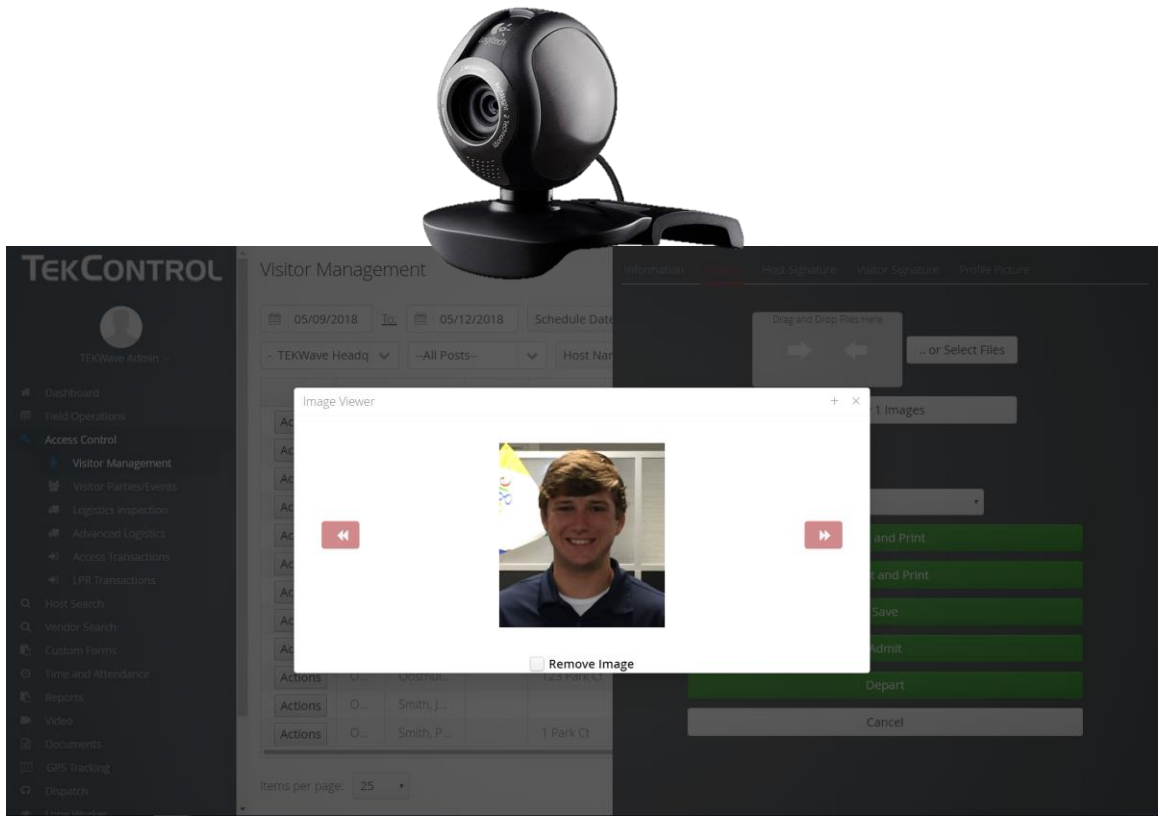


Photo Capture

- Web Cam makes it easy to capture a photo from drivers, visitors and contractors to store with your permanent transactions
- Very easy work around for individuals visiting your property without a driver's license.
- Picture can be used to print on a Visitor Identification Badge.
- Transaction logging stores all of this information for historical needs in an encrypted format



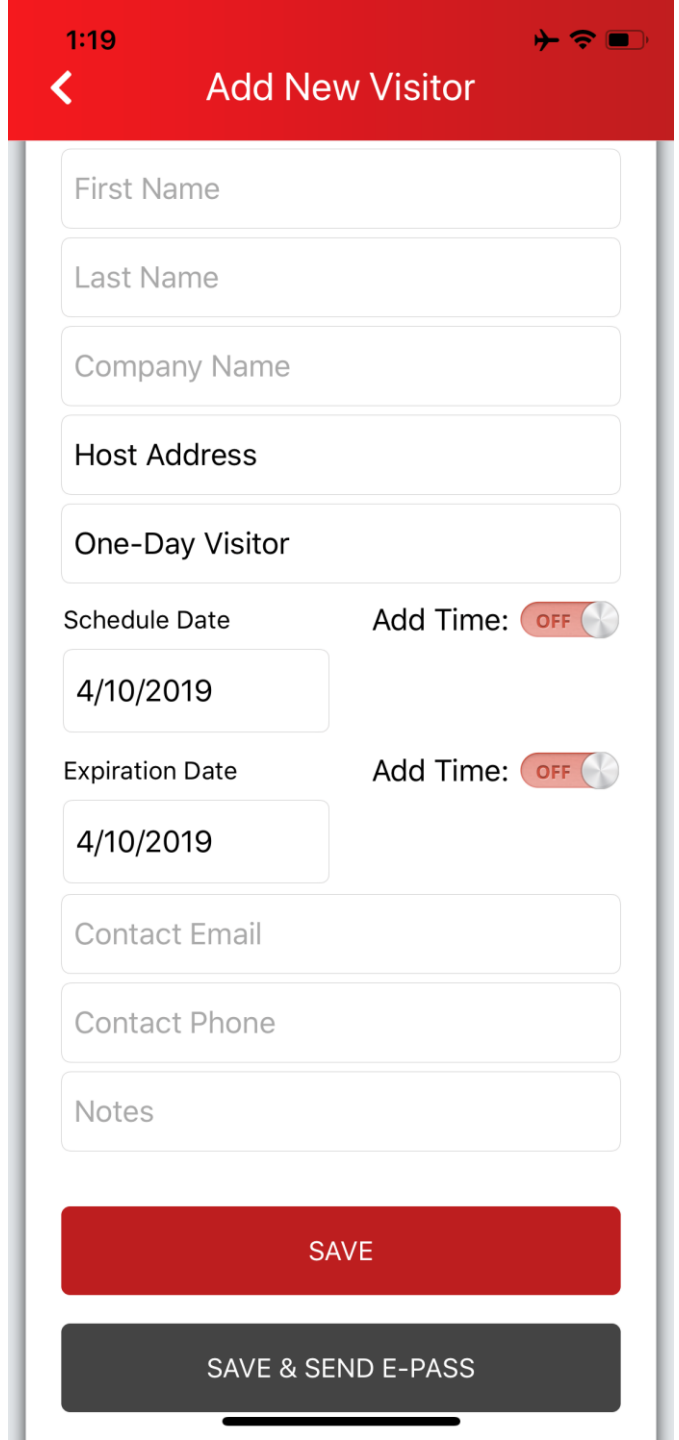
Visitor Pre Registration

Pre Register Visitors

- Web Scheduling
- Host Application
- Deny Visitors

Manage Personal Information

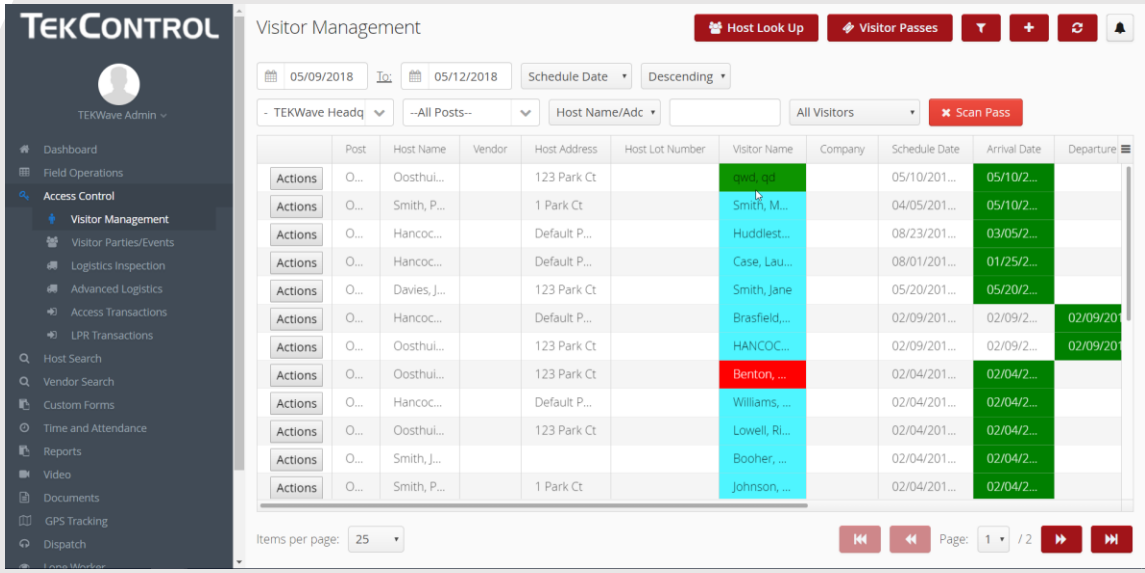
- Phone numbers
- Comments
- Vacation Notices
- Store Photo for Officer familiarity
- Advanced information for faster verification



Administrative Access

Administrators have access to manage all facets of the program, including:

- Adding, removing, and modifying users
- Run Reports and export them to Excel, PDF, Word, CSV
- Manage Alternate Destinations and Offices/Suites, Visitor Types, Statuses, etc.
- Manage Watch List and automatic denial.



Package Tracking

Package Tracking:

- Track Packages that are delivered to a front desk or gatehouse. Check the package out when the host picks it up.
- Admission Notification can be used to alert a host that a package has arrived to be picked up.

Barcodes: Activity Management

Barcodes & PIN

- **Mobile Lookup**
  - **Scanning a Barcode with the mobile device allows security to see pertinent information about the vehicle or truck driver**
  - **What are they dropping off**
  - **Where should they be**
- **Egress Tracking**
- **Check In/Check Out**
  - Instantly know who is onsite
  - Time & Attendance Tracking for Visitors and Contractors

Vehicle Pass & Visitor Badge Printing

- Passes & Badges printed on high speed thermal and thermal transfer printers
  - Will not fade!
- Prints in 4-5 seconds
- Passes Include:
  - Directions
  - Visitor Name
  - Host name
  - Expiration date
  - Optional bar code for egress tracking
- Badges Include:
  - Visitor Name & Photo (if scanning driver's licenses)
  - Host name
  - Expiration date
  - Optional bar code for egress tracking

License Plate Recognition

- Increased gatehouse efficiency, reduced vehicle backup
- Seamlessly integrates with the visitor management software
- System uses optical character recognition to capture the vehicle license plate
- Allows for compliance of all vehicles on-site

Integrated Access Control

- Remotely monitor and open gates and doors from any web browser
- Automated software functions reduce visitor and employee admission times
- Combined with our cloud-based Visitor Management software, guards can perform all functions from one centralized location

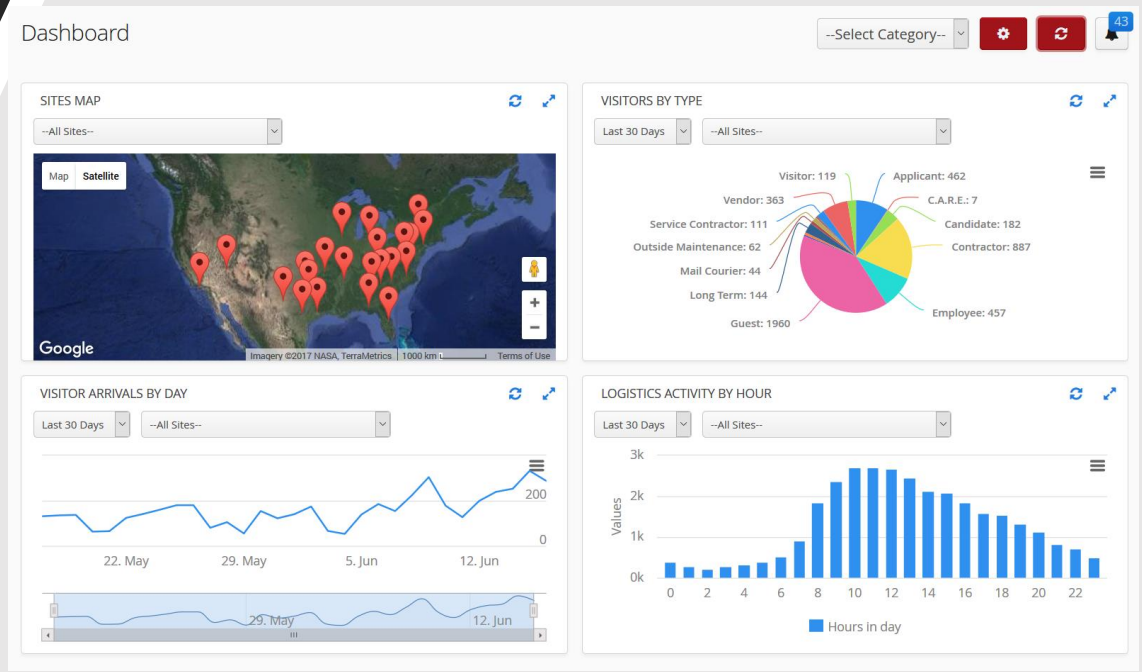
Real Time Reporting

Visitor Transaction Log
- Complete details on each and every visitor

Gate Statistics Report
- How many visitors passed through each gate during each hour

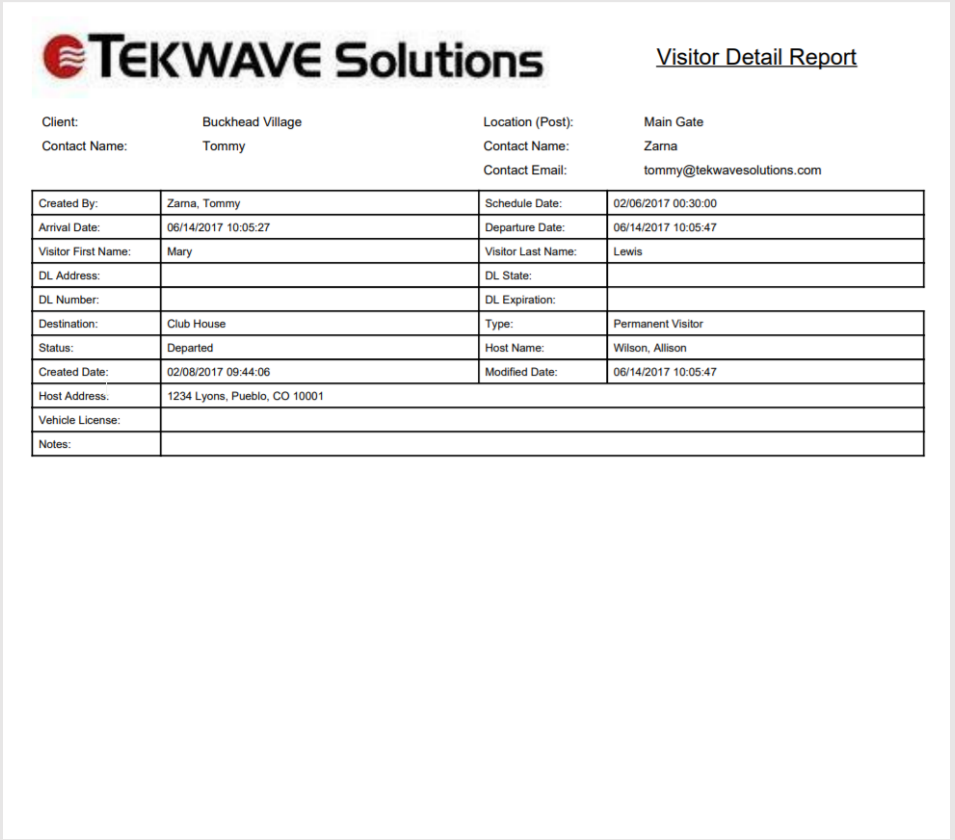
Employee Listing Report
- Name, address, phone number

Comprehensive User Profile
- Print on demand for complete details on each User.



Sample Visitor Report

- Logs each and every transaction related to visitors and/or employee access
- Tracks:
  - Who entered visitor for admittance
  - Who is hosting the visitor
  - Much more
- Which officer admitted visitor and through which entry point
- Retains scanned driver's license data
- Search and reporting capability
- Export to Word for further use



TEKWAVE Solutions

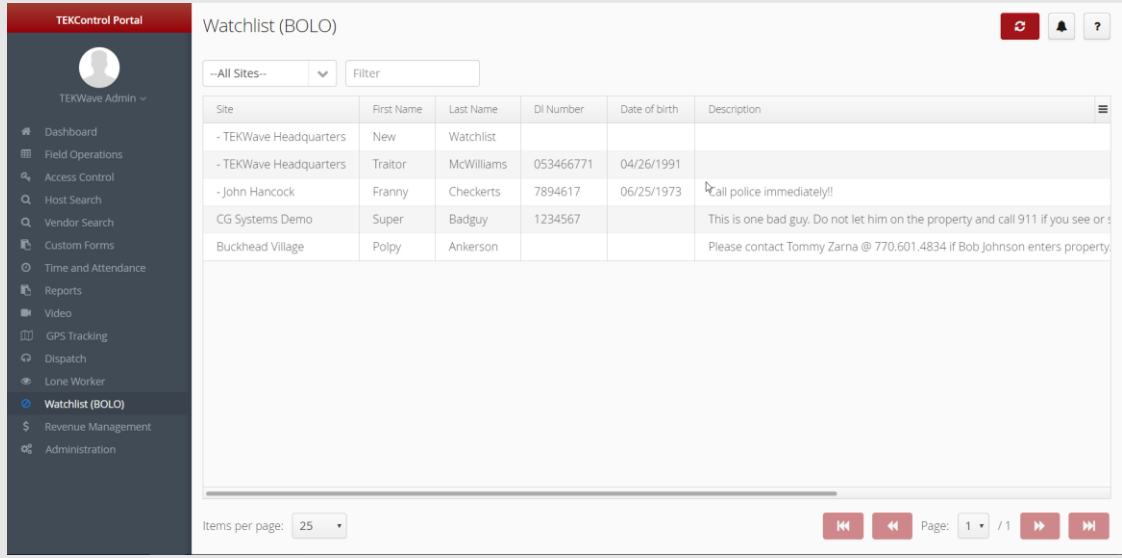
Visitor Detail Report

Client:	Buckhead Village	Location (Post):	Main Gate
Contact Name:	Tommy	Contact Name:	Zarna
		Contact Email:	tommy@tekwavesolutions.com

Created By:	Zarna, Tommy	Schedule Date:	02/06/2017 00:30:00
Arrival Date:	06/14/2017 10:05:27	Departure Date:	06/14/2017 10:05:47
Visitor First Name:	Mary	Visitor Last Name:	Lewis
DL Address:		DL State:	
DL Number:		DL Expiration:	
Destination:	Club House	Type:	Permanent Visitor
Status:	Departed	Host Name:	Wilson, Allison
Created Date:	02/08/2017 09:44:06	Modified Date:	06/14/2017 10:05:47
Host Address.	1234 Lyons, Pueblo, CO 10001		
Vehicle License:			
Notes:			

Watchlist (BOLO)

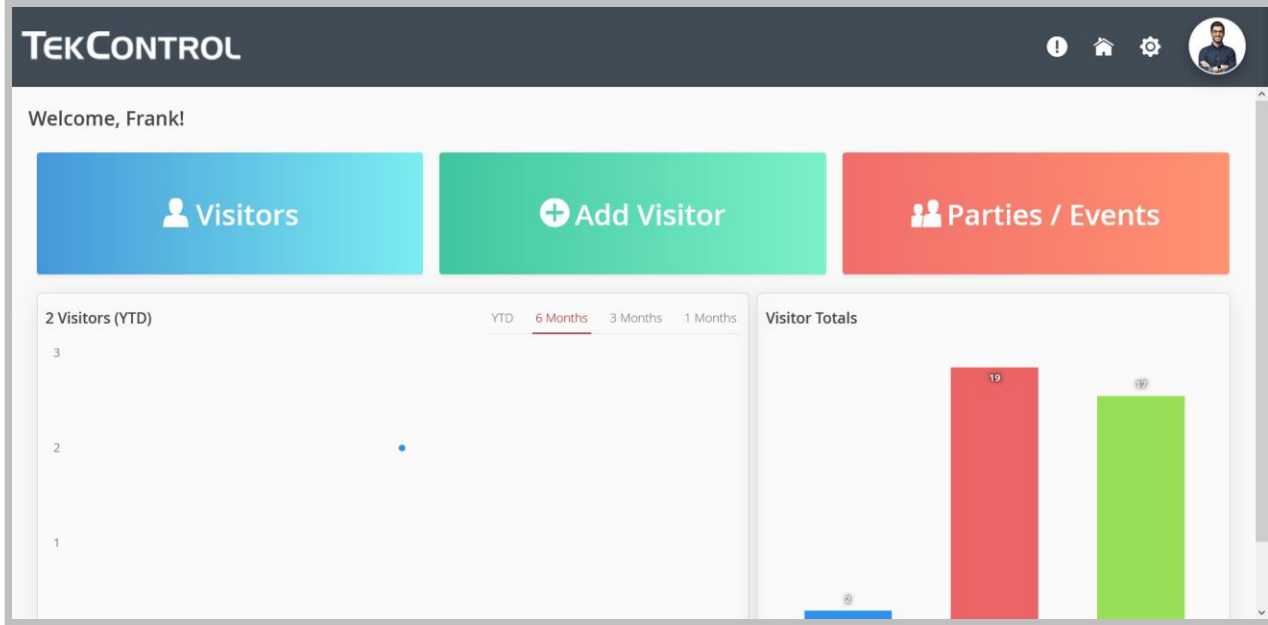
- Specific individuals can be denied access to certain employees, sites, or clients.
- Alerts are also created when any visitor is denied.
- Visitors on the Watch List are denied based on Name, DL number, Date of Birth, description, Aliases, and Pictures.



Commercial Kiosk

Host Interface

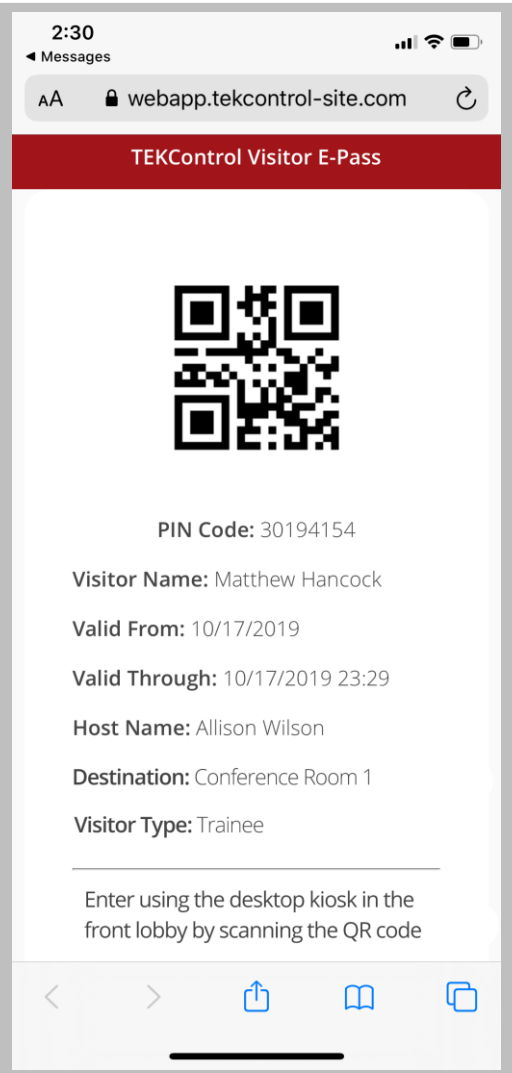
- Employee login to pre-register visitors, send e-pass, or manage profile
- SAML integration enables automatic employee syncing and Single Sign On
- Notifications
  - Visitor arrival
  - Visitor checkout
  - Announcements



Hardware

- Three options:
  - Desktop
  - Floor stand
  - Wall-mounted
- Front facing camera, speaker, microphone, and mounted QR/barcode scanner
- 17” touchscreen AIO
- Expandable peripherals: thermal camera, printer, etc.

E-Pass and Printed Pass



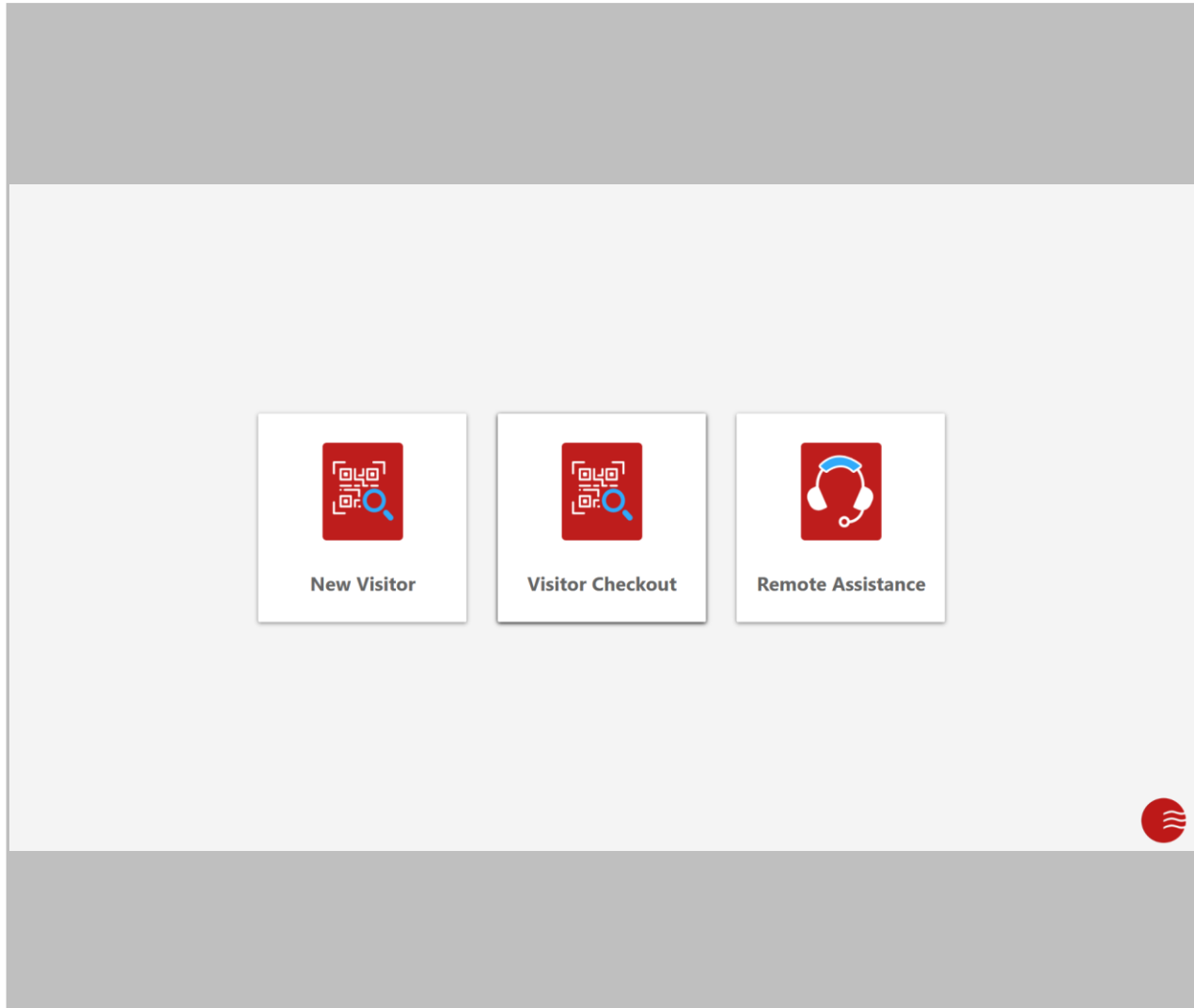
- Visitors can receive an e-pass or printed pass with a QR code or barcode for easy entry
- The e-pass will be texted or email to the visitor
- The physical pass is printed at the kiosk
- This can be used for touchless entry at the kiosk
- If any additional information is needed, it can be captured via smartphone before the e-pass is displayed

Kiosk Interface – Splash Screen

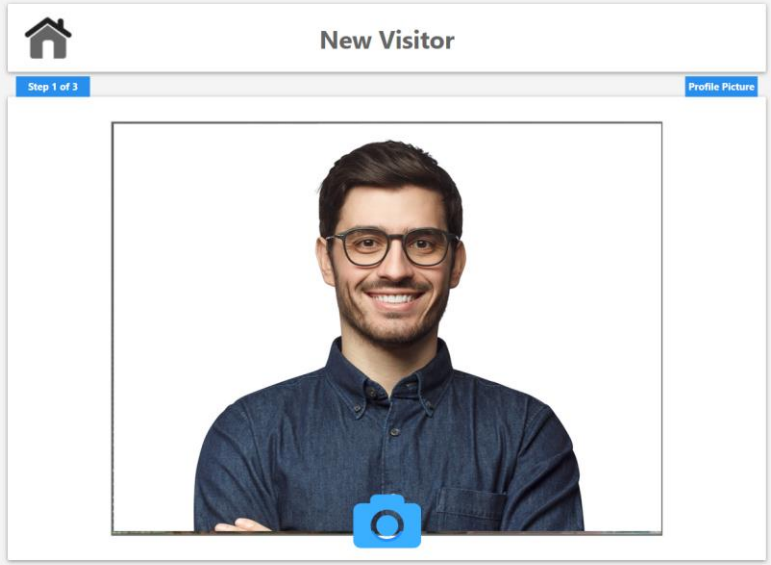
- Customizable splash screen for the kiosk resting interface
- Some clients provide set of instructions
- Can include logo or any other images, words, or graphics

Kiosk Interface – Home Screen

- Latent scanning – scan an e-pass or printed pass at any time
- New visitor adds a new visitor into the facility
- Visitor checkout marks the visitor as off-site
- Remote assistance connects the visitor with a remote receptionist



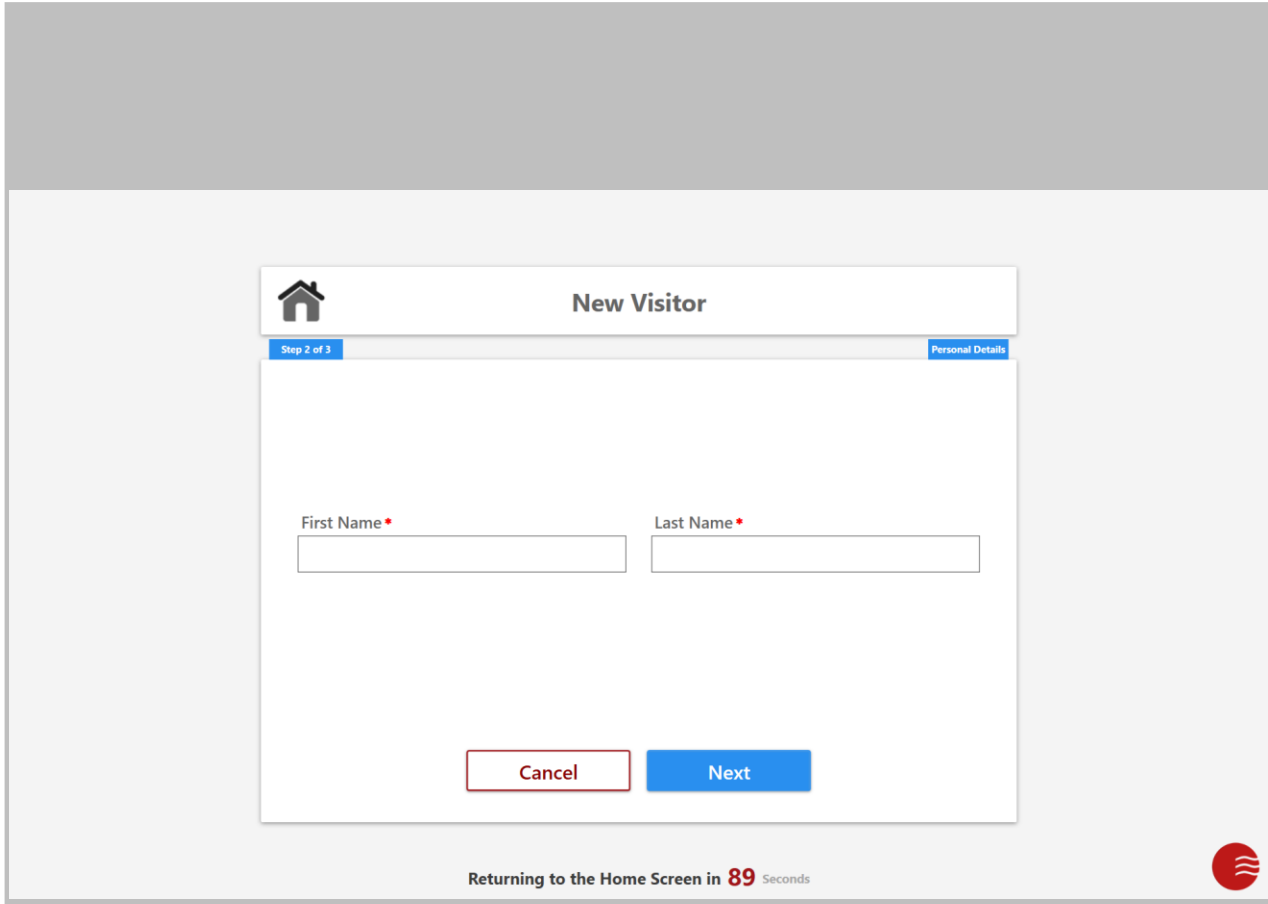
Kiosk Interface – New Visitor 1



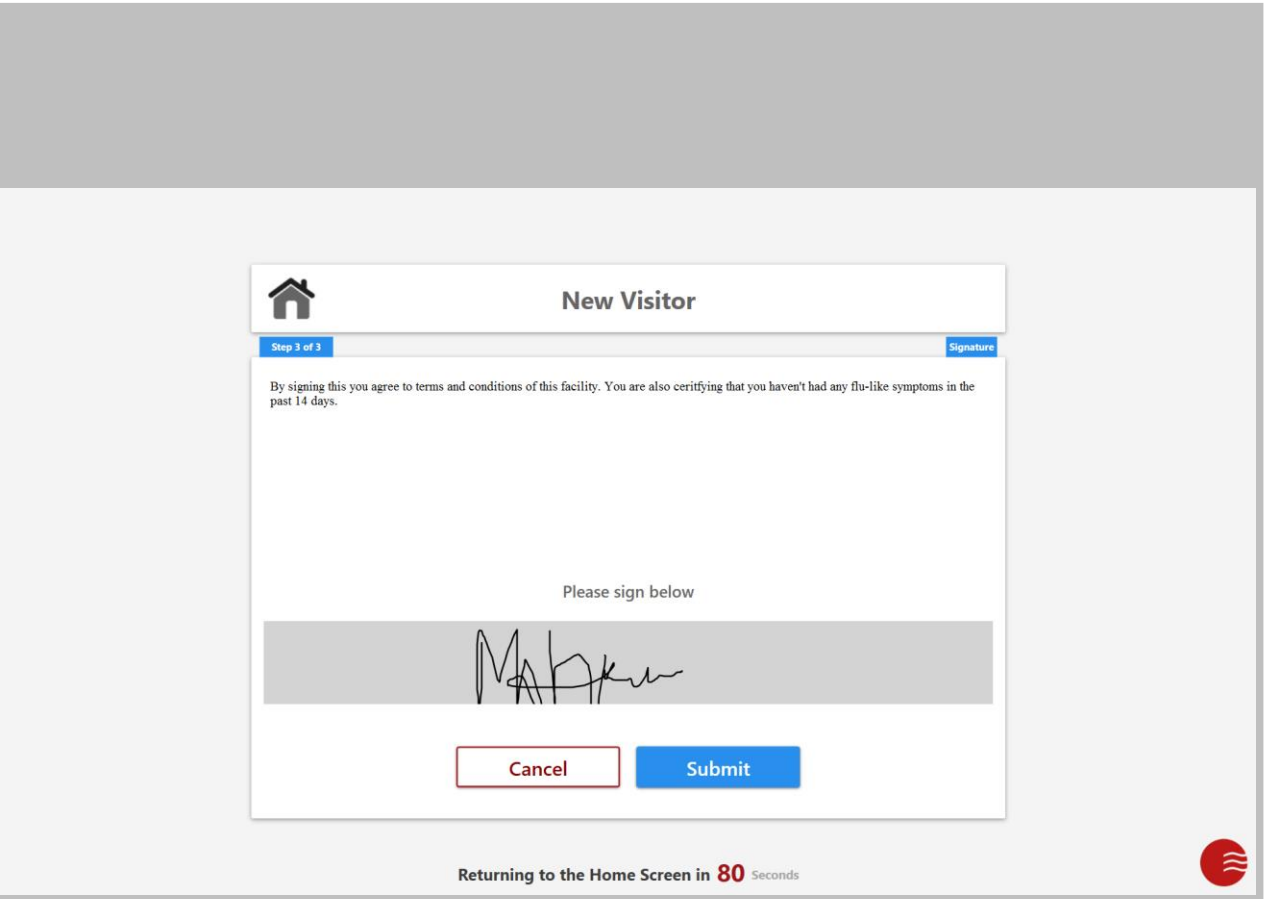
- When the new visitor button is selected a step-by-step wizard is activated
- This wizard is completely customizable for fields, steps, and actions
- The typical first screen within the wizard activates the front facing camera on the kiosk for a picture capture

Kiosk Interface – New Visitor 2

- After the picture capture, the wizard walks through a customizable set of fields and screens to capture information from the visitor
- These can be configured per location
- COVID questionnaire, contact info, etc.
- The visitor can capture all information via voice-to-text



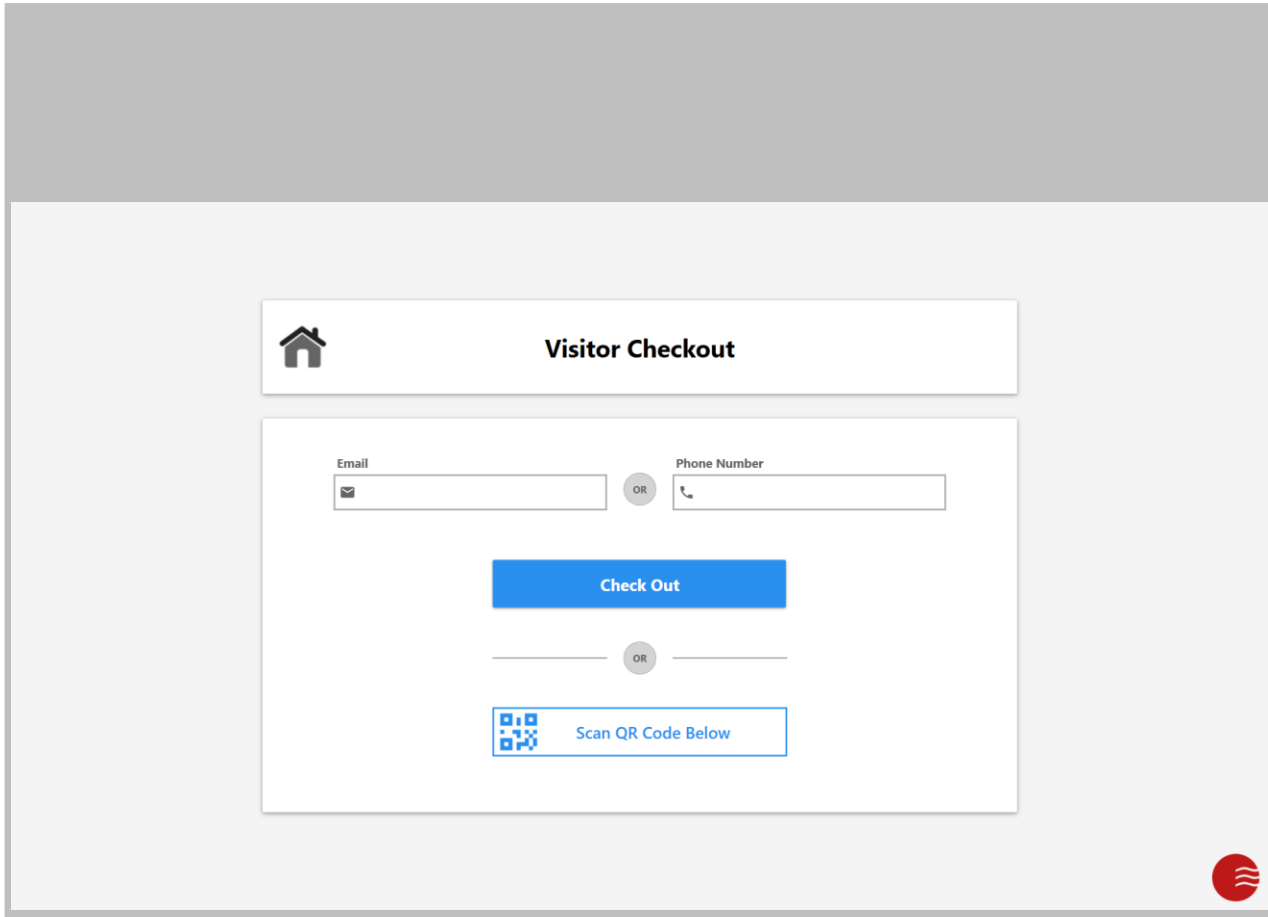
Kiosk Interface – New Visitor 3



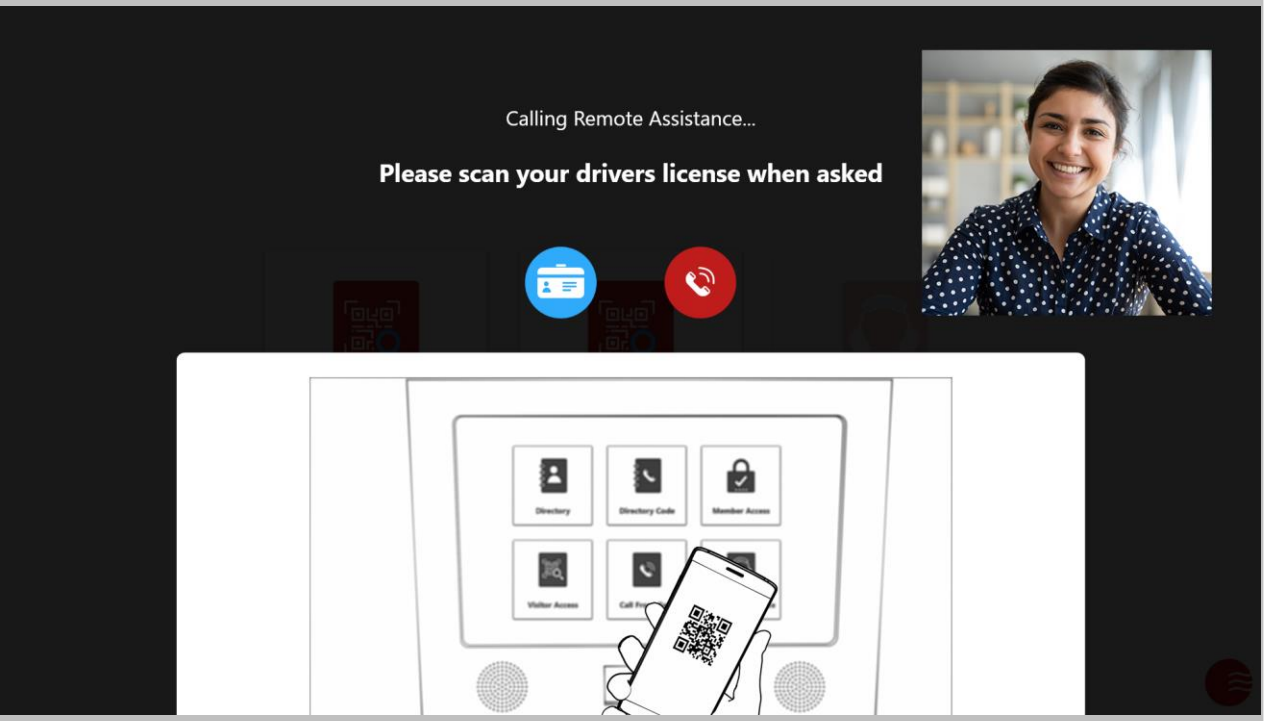
- Once all the information is captured from the visitor, they can finalize the record by signing and submitting
- On the signature screen, the software can display an NDA, sign disclaimer, etc.
- The signature can also have frequency requirements where the visitor is required to re-sign at a specified interval

Kiosk Interface – Visitor Checkout

- To checkout, the visitor can enter email, phone number, or scan the e-pass or physical pass
- The software supports touchless exit so the kiosk can accept a scan without the screen being activated at all.



Kiosk Interface – Remote Assistance



- There is also a remote assistance option to activate the speakers, microphone, and camera on the kiosk to dial a remote operating center for additional help
- This remote receptionist can see and talk to the visitor and completely process them remotely
- The visitor doesn’t have to do anything for entry

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