



*Presented
by
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CabAire LLC*

*State Implementation
Revision Advisory
Commission
(SIPRAC)
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Control Module & CabAire LLC

- ◆ Control Module founded in Enfield, CT 1969
- ◆ CEO Mr. Bianco holds over 94 US & Worldwide Patents
- ◆ Includes pioneering barcode patents
- ◆ Control Module has developed electronic systems for many fortune 500 companies including:
 - IBM, General Motors, US Government, Mexican Government, AT&T, Disney, Hertz, Roadway, GE, Major Airlines, etc.
- ◆ Fiscally sound and profitable for decades
- ◆ 72,000 square feet of Engineering & Manufacturing
- ◆ 80 highly skilled employees
- ◆ CabAire LLC is a marketing arm of Control Module and is self-funded to date
- ◆ CabAire has been awarded a contract from Tinaco Plaza for automated truck stop services to reduce diesel emissions, engine noise and ambient light pollution
- ◆ CabAire is focused on solving environmental, energy and safety challenges with intelligent truck systems including automated:
 - Truck Idle Reduction
 - Truck Electrification
 - Real Time Vehicle Detection
 - Real Time Anti-idling Sensors
 - On Demand Solid State Lighting
 - Digital Surveillance
 - Integration with DOT ITS

CabAire LLC

Travel Center Lot Management Systems



CabAire:

Addressing Stakeholder Needs

- ◆ Governor's Climate Change Action Plan (CO2)
- ◆ CT Clean Diesel Plan
- ◆ Regional Greenhouse Gas Initiative
- ◆ Town of North Stonington
 - Reduce toxic diesel emissions
 - Reduce diesel engine noise
 - No ambient light pollution
- ◆ CT DEP
 - Ozone Reduction
 - Reduces CO, NOX, PM
 - Achieve EPA Attainment

CT DOT

- Add 116 more truck spaces
- Eliminate On-Ramp Parking
- Reduce Traffic Congestion
- Stream Parking Status to ITS

Dept. of Energy

- 1 Billion Gallons Idled/Year
- Limit Foreign Oil use

Drivers

- Safety and Comfort
- Clean Air, Low Noise
- Communication with Plaza
- Secured, Monitored Lot

CabAire LLC

Travel Center Lot Management Systems



CabAire & The New American Auto Stop



CabAire LLC

Travel Center Lot Management Systems



New American Auto Stop I-95 North Stonington, CT

- ◆ State of the Art, Quiet, Clean
- ◆ For Residents, Travelers, Truckers
- ◆ Sbarro, Roy Rogers, Stuckey's
- ◆ 116 CabAire Truck Idle Reduction Spaces
- ◆ First truck idle reduction in the state
- ◆ A Connecticut environmental showcase

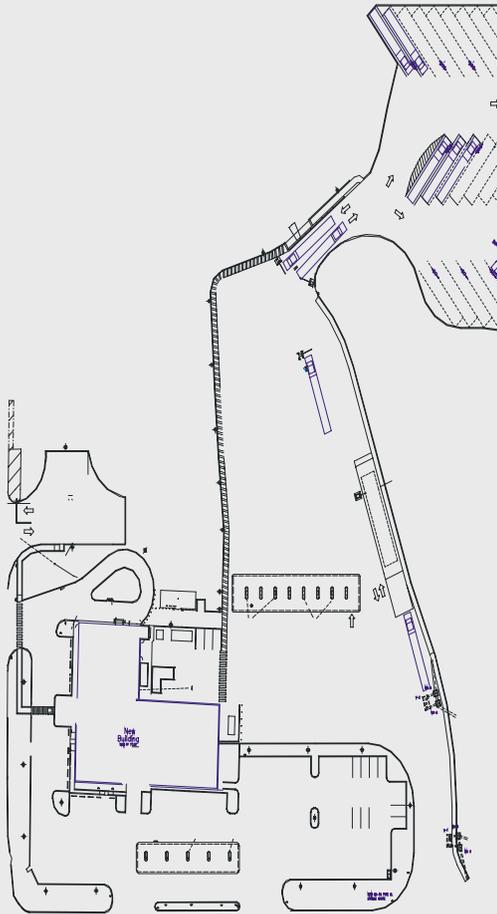


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Travel Center Lot Management Systems



CabAire's Advanced Lot Design



- ◆ 116 Spaces with Truck Idle Reduction
- ◆ Automated Vehicle Detection
- ◆ Automated Anti-Idling Sensors (3minutes)
- ◆ Back-In, Nose-in, Pull Through Parking
- ◆ One or two trucks per tower
- ◆ Adapts to small or large lots
- ◆ Maximizes real estate
- ◆ Ideal for CT Plazas, Rest Areas

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CabAire Idle Reduction Service Towers

- ◆ Designed and manufactured in Enfield, CT
- ◆ Reduce toxic diesel fumes
 - CO2, NOX, PM
- ◆ First in Vehicle Detection &
- ◆ First in Anti-Idling Sensors
- ◆ Digital cameras for security
- ◆ Ultraviolet treated cab air
- ◆ Reduced engine noise
- ◆ Dark Sky Law lighting



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Travel Center Lot Management Systems



CabAire Design

Adaptable, Modular Solution



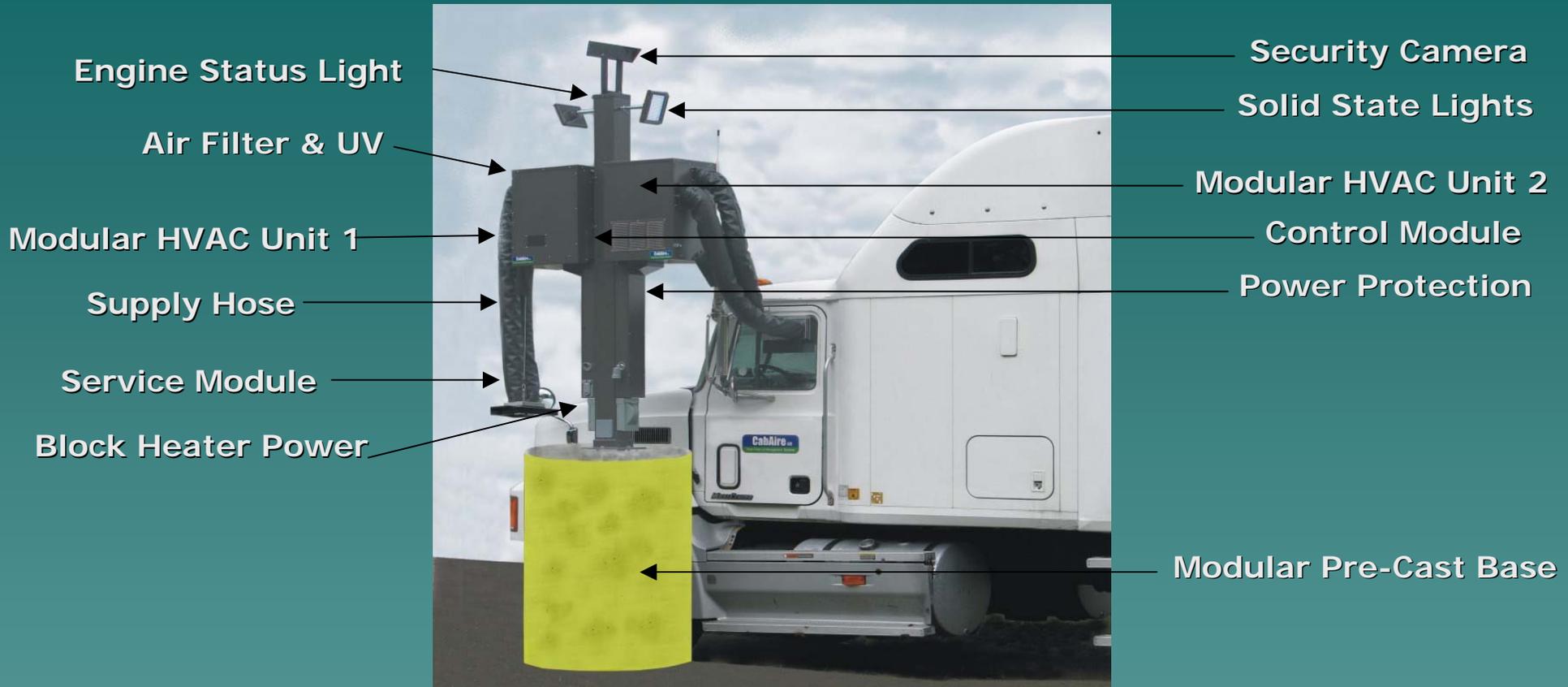
The Service Tower
Developed by CabAire LLC

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Travel Center Lot Management Systems



Tower Design Provides Flexibility



- *Dual Truck or Single Truck Support Tower*
- *Adapts to Small, Medium or Large Lots*
- *Adapts to Odd End-of-Lot Spaces*
- *Maximizes Parking Spaces and Real Estate*
- *Tower Communication Ready*

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CabAire Service Module

In-Cab Services

- ◆ Compact
- ◆ Lightweight
- ◆ Adaptable
- ◆ Low noise
- ◆ Easy self-install
- ◆ Heating & Cooling, conditioned air with dehumidifier
- ◆ Two 120V Outlets
- ◆ Cable and Internet



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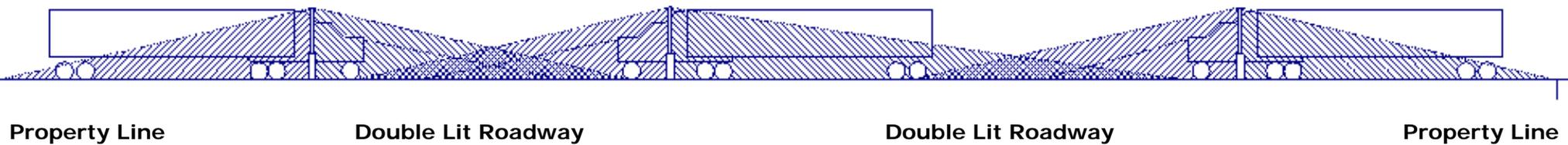
Travel Center Lot Management Systems



CabAire® LED Lot Lighting

No Reflected Light

No Reflected Light



- ◆ Low Power Energy Efficient Lights
- ◆ Vehicle Detection Supports On Demand Lighting
- ◆ Subdued, “park-like” lighting at night is restful
- ◆ No light pollution, “dark sky” law compliant
- ◆ Cool Light Does not Attract Insects
- ◆ Minimum 10 Year Service Guaranteed
- ◆ Single Component Failure
- ◆ Intelligent WEB Enabled Interface
- ◆ Back In Parking Keeps Headlights on Property

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Travel Center Lot Management Systems



Digital Camera Option for Safety & Security

- ◆ WEB Based Cameras
- ◆ Entrance/Exit Vehicle Camera
- ◆ Entrance Driver Island Camera
- ◆ 100% Lot Coverage
- ◆ Modular Design
- ◆ Low Light Sensitivity
- ◆ Stream Video to Public Safety
- ◆ Capture Vehicle DOT#, License, Driver



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Travel Center Lot Management Systems



CabAire – Designed for the Web

- ◆ All Modules are WEB Enabled
- ◆ Enables Ease of Communication, Support & Integration
- ◆ All Modules Communicate with Local & Remote Servers
- ◆ All Modules are Equipped with Self Diagnostics
- ◆ All Systems are Monitored 24/7
 - ◆ CabAire alert to component status
 - ◆ Early radar on service needs
- ◆ Parking Lot Status Can Be Sent Automatically to the (ITS) Intelligent Transportation System
- ◆ Security Alerts Can Be Sent to Law Enforcement
- ◆ Idling Violations Can Be Sent to Law Enforcement
- ◆ All Modules are Equipped with Tamper Sensors



“Truly a WIN/WIN for All!”

- ◆ Reduce Diesel Idling & Health Impacts from
 - CO2, NOX, PM
- ◆ Fuel Conservation
- ◆ Driver Safety
- ◆ Noise Reduction
- ◆ Light Pollution Reduction
- ◆ Advanced Sensors
- ◆ Integration with Public Safety, EPA, DOT Systems
- ◆ Driver, Owner, Traveler



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