HIGH ALTITUDE TECHNOLOGY
ALPINE SYSTEMS

TOPEKA METRO
QSS DIGITAL SIGNAGE
INFORMATION SYSTEM

DUE OCTOBER 29, 2020

PROVIDED BY

Alpine Systems Inc

ALPINE SYSTEMS INC.
TEL: 802.422.3008
1029 DEAN HILL ROAD BLDG. 100
KILLINGTON VT, 05751
WWW.ALPINESY.COM
SALES@ALPINESY.COM

HIGH ALTITUDE TECHNOLOGY
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Proposal for Topeka Metro QSS digital Signage

Alpine Systems is pleased to provide a Bid for the QSS Digital Signage Bid. We will provide as requested the quantity of 3 interior 55" monitors with video controller (a smart Device) and protective assembly. We will also provide 3 exterior 55" display monitors in special exterior housings (designed and manufactured as a unit). We will include our Data-View CMS product as the control software for the system.

The solution will be supported for a period for 5 years. We include the subscription for our cloud based CMS hosting for 5 years. We also warrantee the monitors and video controllers for a period of 5 years. The warrantee can be extended for additional years at extra cost. We will provide remote technical support for lifetime.

Alpine systems is a certified DBE in Vermont, and we are certified in the multi state support concept.

We will be providing Phillips Commercial Monitors designed for 24 / 7 use and special protective covers.

Outside we will be providing our own 55" outdoor LCD units, again designed for outside – 24 / 7 use.

We will provide the appropriate mounts for the units.

Our Minix video controller will be attached or inside the monitor housing.

The DATA-View product is a cloud based CMS product that allows the user to display images, maps, general information, graphics, videos and other information (arrival/ departure images) from web feeds on display monitors as desired. The product allows very precise control over timing and features as needed. The images will meet ADA compliance.

We will mount the monitors on walls of the facility as desired. They also can be ceiling mounted if you wish. We do have kiosk style units, but we felt that the additional use of the sidewalk areas was not suitable here. We can provide them at additional expense should you desire them. We will provide an upcharge if you wish to have the kiosks .

Alpine will provide the electrical service for the units where it is not available. We will use the WIFI you are offering but caution that we suggest a dedicated service for us so it does not go down as normal WIFI tends to. We still recommend cabled ethernet if you have it available.

Alpine will provide the system with our Email alert system that continuously monitors are software and hardware and alerts us to a possible malfunction. We then using remote management software can repair the problem and have the unit working within minutes, not hours or days.

All hardware and systems will be new and only purchased for use at this site. We will have receipts available for review as you wish.

CMS details

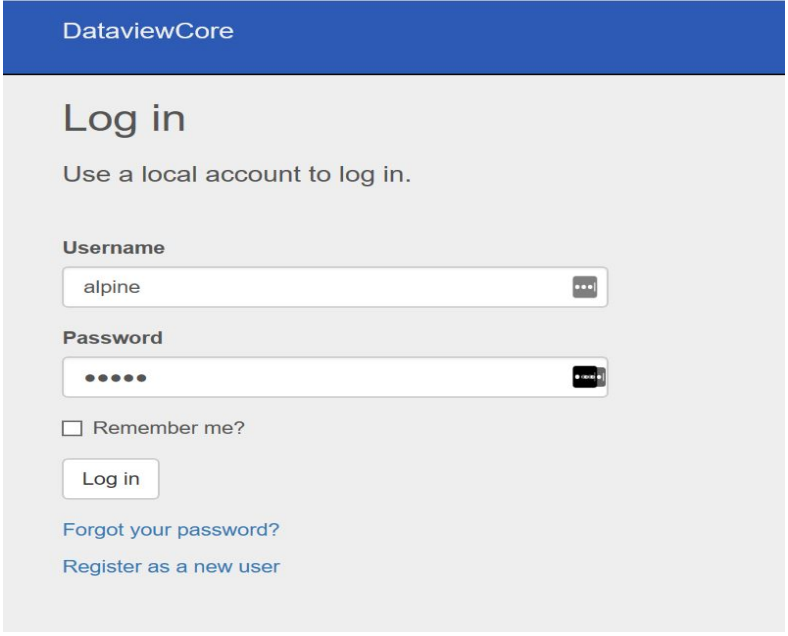
Our Data-View product can support many different types of display products. It will output HTML type images for display on the devices. It will be configured here to operate the LCD monitors. It will feed a hosted solution that can play on many different software and hardware products.

The hardware we will provide for Topeka will be Minix win 10 based units. These are the units we will support. The system can output audio as desired as part of the media. Data-View can be expanded to support many more units and types of units as the organization grows.

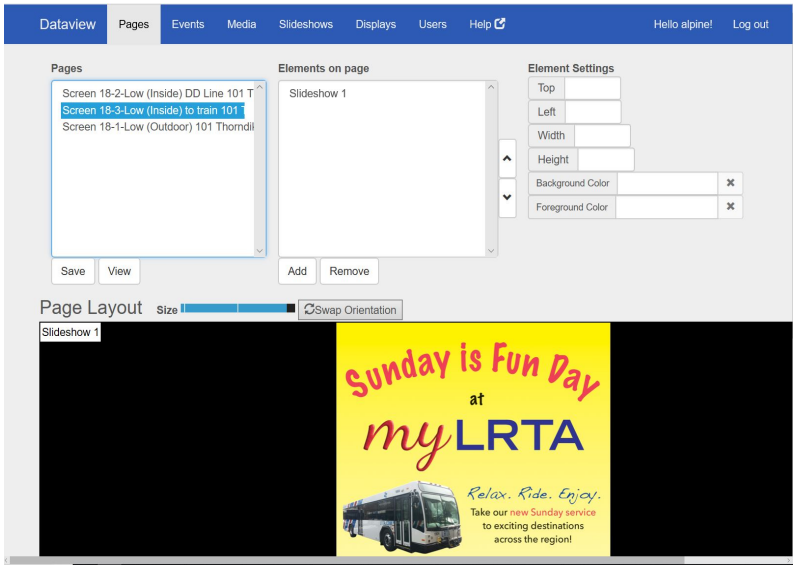
Our Data -View product is cloud based, operators can log on from any browser, computer or smartphone and control, add or make changes to the system. It is password secured for security. The system will allow the display of various images, web pages, feeds from double map, and any other feeds you can direct to the site. The system can allow the display of arrivals and departures, weather, marketing messages, news feeds, and anything else you wish to display. The system can display GTFS -RT service alerts as you allow them into the system. The system users can set up different content mixes for different screens as they desire. The users con preview each screen as they wish. The system allows the building of different formatting and layouts for each screen. The system can manage event display, manage crawlers on the screens as desired. The system can readily allow the display of service alerts, predictions, weather

Users can use cell phones, tablets and laptops as well as desktops unit to manage the system. The number of users is not limited.

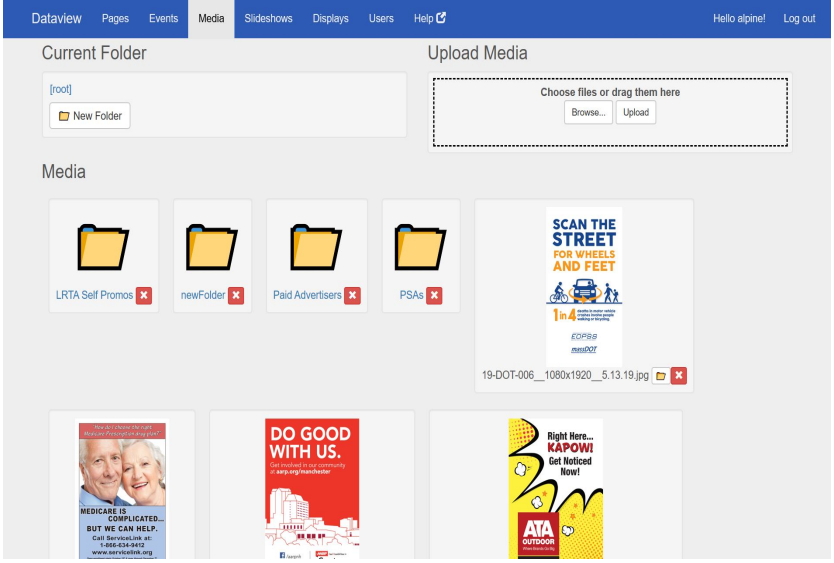
Here are screen shots of the Data-View Product, your formatting and screens may vary.



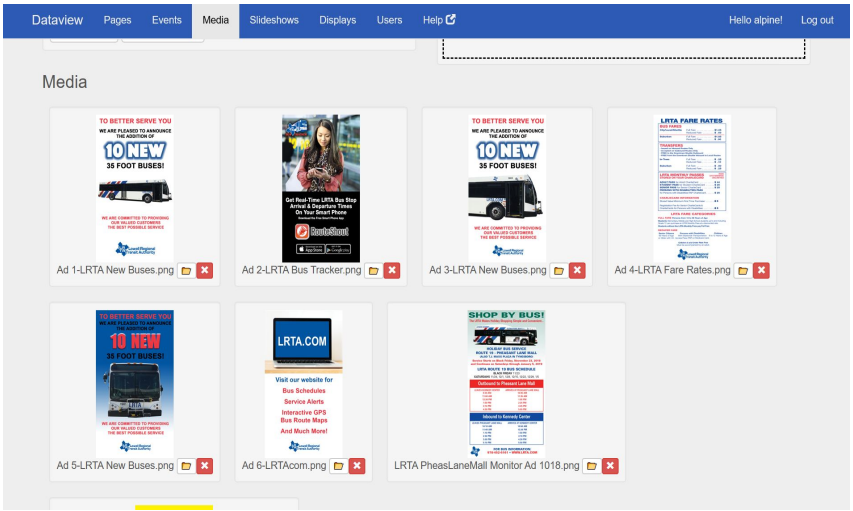
Summary page of screens being published



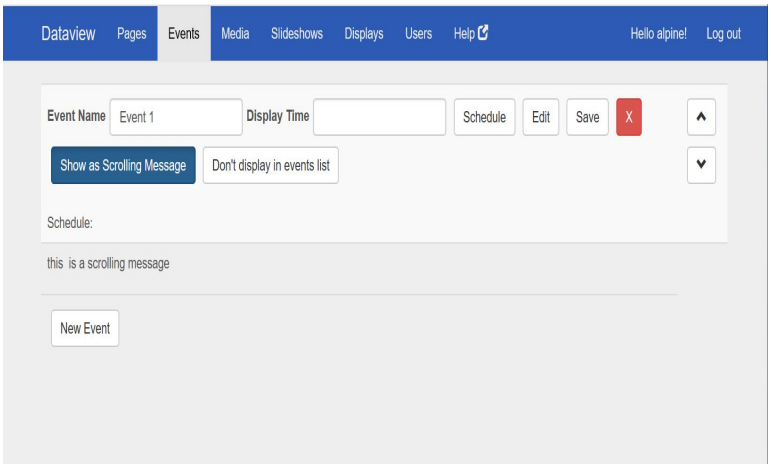
Media library



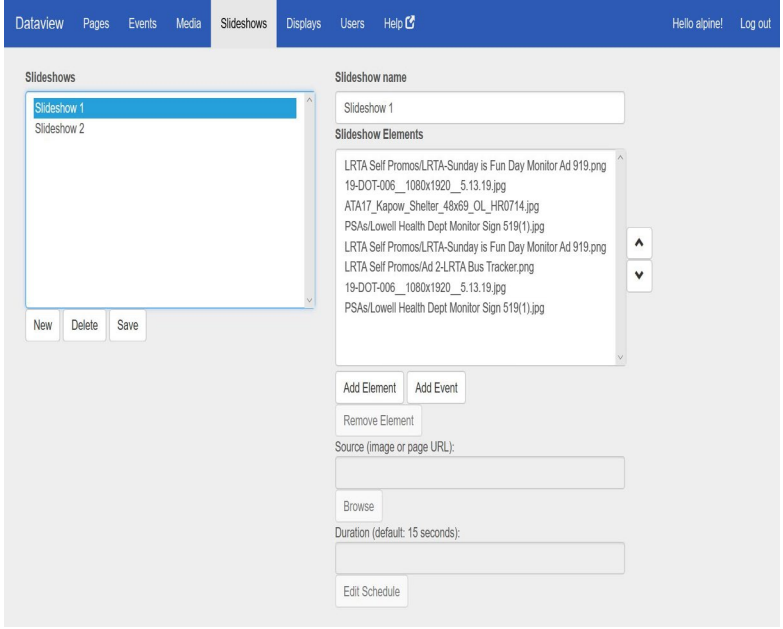
More media library



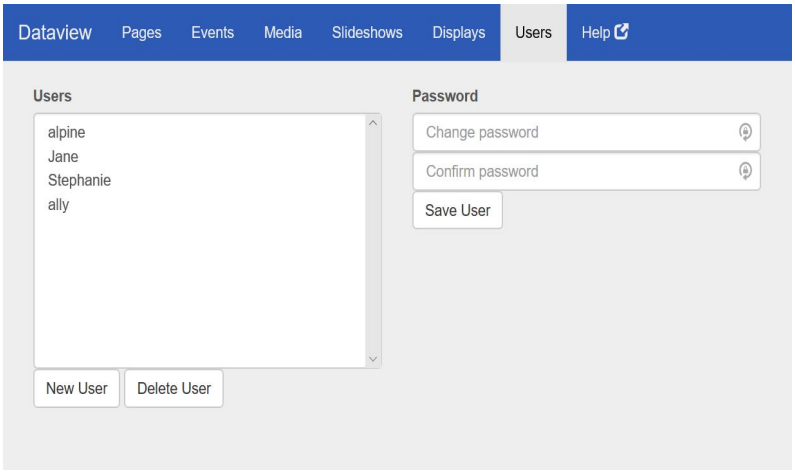
Event file screen



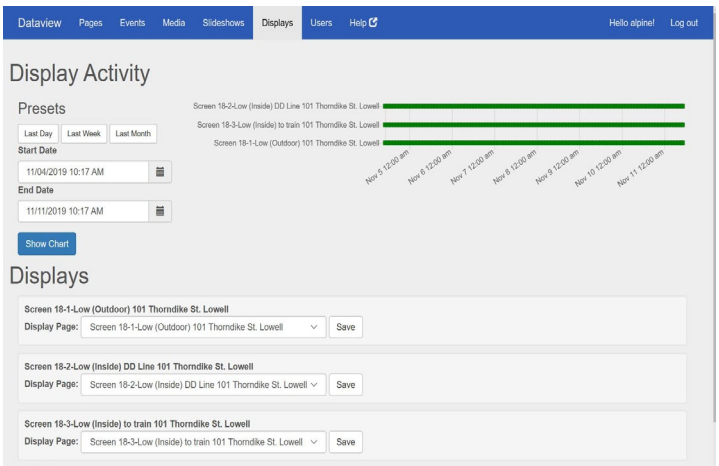
Slideshow build screen



User screen



System display review



As you can see this is a very intuitive system, very easy to learn and operate. The important note to remember is this is a program to Alpine has written and produced internally. We can readily customize it to be advantageous for you.

Alpine Systems has been providing transportation display systems for over 25 years. We have a strong background of great solutions for large and small transit organizations. We have a long history of providing indoor and outdoor display systems. Please review our list of clients.

You can see the options are unlimited !!

COVER LETTER

Proposer Information

Company Name: ALPINE SYSTEMS

Address: 1029 DEAN HILL RD, BLDG 100

City, State, Zip: KILLINGTON, VT. 05751

Main Phone: 802-422-3009

Contact Person Information

Name: GEORGE CONE

Job Title: DIRECTOR

Phone: 802-422-3005

Alt. Phone:

Email: GCONE@ALPINESY.COM

Signature:

Date: 10/28/2020

PRICE QUOTE

Required	Per Unit – Include Installation
Interior Display Unit - Maps	$ 4889.00
Interior Display Unit – General Information	$ 4,889.00
Interior Display Unit – Arrival/Departure	$ 4,889.00
Exterior Display Unit - Maps	$ 7382.00
Exterior Display Unit – General Information	$ 7,382.00
Exterior Display Unit – Arrival/Departure	$ 7,382.00
Content Management System	$ 5,491.00
Technical Support Cost	$ 4,500.00
Warranty Cost	$ 6,800.

Additional Costs (list):

List all additional costs below. Any cost other than those listed on this price quote will not be paid.

AFTER 5 YR. DATA VIEW HOSTING IS $39/MO/UNIT.	$ 39/MONTH/UNITS
	$
Total Cost	$ 53,604.00
Estimated Start Date 1/1/21	Estimated Complete Date 5/1/21

Warranty

Warranty Length	5 years
Warranty Coverage	ONSITE ALL COMP
Extended Warranty Cost (per year)	$ 8,300 /YEAR

Topeka Metro is tax exempt. Do not include sales tax in your proposed price.

DISADVANTAGED BUSINESS ENTERPRISES (DBE) CERTIFICATION

This contract is subject to the requirements of Title 49, Code of Federal Regulations, Part 26, *Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs*. The national goal for participation of Disadvantaged Business Enterprises (DBE) is 10%. Metro's overall 2019-2021 goal for DBE participation is 2.00%, the race neutral goal is 1.12%, and the race conscious goal is 0.88%. There is no contract goal for this procurement.

The contractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of this DOT-assisted contract. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as Metro deems appropriate. Each subcontract the contractor signs with a subcontractor must include the assurance in this paragraph (see 49 CFR 26.13(b)).

The contractor is required to pay its subcontractors performing work related to this contract for satisfactory performance of that work no later than 30 days after the contractor's receipt of payment for that work from Metro.

The contractor may not hold retainage from its subcontractors.

The contractor must promptly notify Metro, whenever a DBE subcontractor performing work related to this contract is terminated or fails to complete its work, and must make good faith efforts to engage another DBE subcontractor to perform at least the same amount of work. The contractor may not terminate any DBE subcontractor and perform that work through its own forces or those of an affiliate without prior written consent of Metro.

Signature: [signature]

Name and Title: GEORGE A. COLE DIRECTOR

Company Name: [illegible] SYSTEMS

Date: 10/28/20

NON-COLLUSION CERTIFICATION

This is my sworn statement to certify that this proposal was not made in the interest of or on behalf of any undisclosed entity. This proposal is not collusive.

This proposer has not been a party to any agreement or collusion in restraint of freedom of competition by agreement to bid a fixed price, to refrain from bidding, or otherwise. This proposer has not, directly or indirectly, by agreement, communication or conference with anyone, attempted to induce action prejudicial to the interest of Topeka Metropolitan Transit Authority, or of any proposer, or anyone else interested in the proposed contract.

Signature: _____

Name and Title: George Cole - Director

Company Name: Reprise Systems

Date: 9/28/20

SUSPENSION / DEBARMENT CERTIFICATION

In regard to 2 CFR Parts 180 and 1200

In accordance with 2 CFR Parts 180 and 1200, the contractor is required to verify that none of its principals or affiliates:

1) is included on the federal government's suspended and debarred list;
2) is proposed for debarment, declared ineligible, voluntarily excluded or disqualified;
3) within three years preceding this proposal, has been convicted of or had a civil judgment rendered against them for (a) commission of fraud or criminal offense pertaining to performing a public transaction, (b) violation of any federal or state antitrust statute, or (c) embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
4) is indicted or charged by a governmental entity for any of the charges in 3) above; and
5) has had any public transaction terminated for cause or default within three years preceding this proposal.

The contractor is required to include this requirement in any subcontracts related to this contract.

By signing and submitting its proposal, the proposer certifies that the certification in this clause is a material representation of fact relied upon by Metro. If it is later determined that the proposer knowingly rendered an erroneous certification, in addition to remedies available to Metro, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The proposer agrees to verify that none of its principals or affiliates is included on the federal government's suspended and debarred list at any time throughout the period of this contract. The proposer further agrees to include a provision requiring the same compliance in its subcontracts related to this contract.

Signature: [signature]

Name and Title: GEORGE A. COLE DIRECTOR

Company Name: AEPLANE SYSTEMS

Date: 10/25/20

VERMONT

State of Vermont
Finance & Administration Division
Office of Civil Rights & Labor Compliance
219 North Main Street
Barre, VT 05641-4129
http://vtrans.vermont.gov/civil-rights

Agency of Transportation

[phone] 802-279-1330
fax] 802-479-5506
[ttd] 800-253-0191

December 9, 2019

Alpine Systems, Inc.
Kathleen A. Cone
1029 Dean Hill Road
Killington, VT 05751

Dear Ms. Cone:

The Office of Civil Rights and Labor Compliance of the Vermont Agency of Transportation (VTrans) is pleased to advise you that your firm continues to meet the eligibility criteria established by the U.S. Department of Transportation Disadvantaged Business Enterprise regulations, 49 CFR Part 26, and remains CERTIFIED as a Disadvantaged Business Enterprise (DBE) with VTrans.

Your firm's certification with VTrans will remain effective for as long as your firm continues to meet all DBE certification eligibility requirements and the ownership and control of the firm, upon which DBE certification was granted, has not changed. However, your firm's compliance with DBE certification eligibility criteria will be reviewed on an annual basis. Your firm's next annual submission will be due on November 30, 2020.

Your company will appear in the DBE directory of those firms eligible for federal-aid transportation projects. The directory can be viewed at: http://vtrans.vermont.gov/civil-rights/doing-business/dbe-center. Please notify our office if any of the information listed for your firm requires correction. We encourage all businesses to access the on-line resources that are available through this web site. Any certified DBEs needing business development assistance are also encouraged to contact our office to request the services of our DBE supportive services consultant.

Please be advised that in the event of change in ownership and/or control of your firm, or a change in your home-state certification status, you are required to notify our office within thirty (30) days of that change. If you decide to expand your services to include additional items of work, you are required to make a written request to our office at:

Vermont Agency of Transportation
Office of Civil Rights and Labor Compliance
219 North Main Street,
Barre, VT 05641-4129

We wish you success in contracting with VTrans as a certified DBE. Should you have any questions regarding any of the items mentioned in this letter, please feel free to contact me at (802) 279-1330.

Sincerely,

Sonya Boisvert

Sonya Boisvert
Civil Rights Program Manager

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

September 24, 2020

Alpine Systems, Inc.
Kathleen Cone, President
1029 Dean Hill Road
Killington, VT 05751

SUBJECT: Approval of DBE/WBE Certification - Vendor # 118815

Dear Mrs. Cone:

Your application for certification as a Disadvantaged Business Enterprise (DBE) has been approved by the NC Department of Transportation and is effective upon receipt of this letter. As such, you have also been approved as a Woman Business Enterprise (WBE).

Your firm has been approved for the following NAICS Code(s):

541850 - Outdoor Advertising

In order to remain as an eligible ACDBE/DBE, your firm will be required to submit a *Declaration of No Change* and the firm's most recent Federal Business taxes to this office by your anniversary month date of **September 30, 2021.**

Please be advised that failure to submit the requested documents on an annual basis may result in removal of your firm's DBE certification. The *Declaration of No Change* will attest to the fact that no changes have occurred that would affect your status as an DBE and that your personal net worth has not exceeded $1.32 million as required by federal regulations for economically disadvantaged individuals. We will confirm that your business continues to remain under the business size limits as determined by the Small Business Administration and DBE size limit of $23.98 million dollars. This will be determined by averaging the firm's gross receipts over a three-year period. The Office of Civil Rights will provide you with the appropriate forms at least 30 days prior to the anniversary date of your certification.

Should you experience any changes in ownership, management responsibility, specialty, address and/or telephone numbers, you are required to notify this office in writing within 30 days of the change. Failure to inform this office of a change may result in removal of your firm from DBE certified status.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
OFFICE OF CIVIL RIGHTS
1511 MAIL SERVICE CENTER
RALEIGH, NC 27699

Telephone: (984) 233-9094
Fax: (919) 508-1818
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
12033 E. INDEPENDENCE BLVD.
SUITE F
MATTHEWS, NC 28104

As a certified firm, you are now eligible to receive supportive services through our Business Opportunity and Workforce Development (BOWD) Unit. For more information regarding supportive services, please contact our BOWD Unit at BOWD@ncdot.gov or at 919-508-1885.

Please note that ACDBE/DBE certification status is not considered pre-qualification to bid, or approval to perform work for the Department of Transportation. To become pre-qualified to bid on Department of Transportation projects, or to be approved as a subcontractor, please email prequal@ncdot.gov.

Thank you for your participation in the DBE Program. If you have any questions, then please contact me directly at ecruz@ncdot.gov.

Sincerely,

DocuSigned by:
9A7B6192AA304BD...

Elizabeth Cruz
Lead DBE Certification Officer

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
OFFICE OF CIVIL RIGHTS
1511 MAIL SERVICE CENTER
RALEIGH, NC 27699

Telephone: (984) 233-9094
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MATTHEWS, NC 28104

HIGH ALTITUDE TECHNOLOGY

ALPINE SYSTEMS

DataView

Complete Digital Signage System

DataView is a premier system to broadcast your media

Editor

With our Editor software, anyone can create beautiful media presentations - no art, digital graphics or computer coding skills neccessary

Edit remotely via Desktop Browser or Mobile Phone, changes in real-time or scheduled

Hardware

Run your own displays or use our top of the line hardware tailored to fit your site and location

Kiosks, Videowalls, All weather outdoor or indoor signage and computers - installed by our team

Display essential information, updates and advertisements to pay for your system

ALPINE SYSTEMS INC.
TEL: 802.422.3008

1029 DEAN HILL RD BLDG 100
KILLINGTON, VERMONT 05751

WWW.ALPINESY.COM
SALES@ALPINESY.COM

ALPINE SYSTEMS
high altitude technology

ALPINE BACKGROUND AND PROJECTS

Alpine Systems is a Corporation registered in the state of Vermont. The company has been in business since 1994. The principals have been involved with the business of public information for over twenty years. George Cone has personally been involved with the specification and provision of many information display projects. His major areas of concentration have been the airport, transit and commercial applications. He has been continuously exchanging information with most of the display technology manufacturers for over twenty years. He has also provided control hardware design services. Our other partners and project personnel are experts in their fields. All this brings together a team program to provide the best product for our clients. Alpine has produced internally complete complex visual display and audio control/ generation product that are presently in use in the industry. We are fully able to produce projects using I-Os, Android, Linux, visual C / C++, DCOM client Server, XML, SQL, Access.

Alpine Systems has provided many systems throughout the Country.

Projects:

2020

Manchester, NH – provision of outdoor LCD kiosks to make a downtown transit area for MTA

Lubbock, TX – expansion of the system at the baggage claim and gate areas

Cincinnati, OH - provision of shelter display for the Northside transit center – operates real time off an interface we provided using the GTFS feed

Washington, DC -- upgrade of the parking control display system at the Ronald Reagan Bldg.

Albany, NY – upgrade of the State University Bus GPS display system

2019

Atlantic City – provision of LED marquee for Atlantic Care Hospital

Ithaca, NY - Expansion of airport, new gates, new digital advertising system, total new design system

Barre, Vermont - expansion of the VAST system to manage over 75 groomers around the state. New software enhancements to provide more functionality to the website and app.

2018

Rochester , NY – provide a passenger information system for the airport complete with camera management system and user tablets and apps

Lowell, MA – transit display system for the agency

St. Thomas, VI – re-provision of the baggage display system for the airport

Barre, VT -- provide a complete GPS display system for the grooming network

2017

Albany, NY – Albany Airport advertising and video wall system

Bangor, ME -- expansion of the MUFIDS system for the airport at Bangor

Glassboro, NJ – provision of LCD kiosk display system for the city for marketing and event announcement

Fayetteville, PA – FACT transit Route-Master system expansion

Rensselaer, NY – video wall system for the AMTRAK station

2016

Appleton, WI -- Expansion of the FIDS system for the Outagamie regional Airport

Burlington, VT -- Provision of display equipment for the CCTA transit center in Burlington, Vermont

Corpus Christi, TX – provision of a software and hardware system for CCRTA transit for display of bus status and tracking for their system.

Syracuse, NY – expansion / upgrade of the CNYRTA display system.

2015

Bangor, ME – provision of a ticket counter display system for Bangor Airport.

Easton, PA – display system for LANTA in their new multi-modal center

Lynchburg, VA – upgrade of the display system for LYH airport

Killington, VT – development of a multi- site display system for Karr Group to promote their facilities throughout the region

2014

Wassau, WI – provision and install of a FIDS system for CWA airport

Harwichport, MA – display marquee for Monomoy high school

2012

Syracuse, NY – Provision of Omni-Trans system for the CNYRTA transit system included exterior LCD displays

New York,NY—Provision of DATA-View system for public information display at the New York Botonical Garden.

Foxbrough, MA – Provision of LED marquee for the Regional Charter School

Norwood, MA – Provision of LED marquee for the High School

Miami, FL – upgrade of LED display system for the Port of Miami, including automated interfaces.

Plymouth, MA – Provision of LED marquee for the High School

Allentown, PA – upgrade of Omni-Trans system for LANTA including a Real Time interface

Medfield, MA – Provision of DATA-View system for the Middle school

2011

Beverly , MA --Provision of LED marquee for the High School

Plattsburgh, NY—Provision of MUFIDS system for the airport at Plattsburgh

Durham, NH – Provision of DATA-View system for the Transportation center for the University of New Hampshire

New York, NY – provision of DATA-View system for Congregation Zarua in Manhattan

2010

New York City – Port Authority Bus Terminal – provision of a passenger display system for NJ Transit for this facility. Clearly one of the largest in the country

Allentown, PA - Upgrade of the Passenger display system for LANTA to accept an automated real time feed from GPS vehicle display devices.

NY, NY – Air Canada La Guardia airport- upgrades their display system with newer technology.

Paterson, NJ – provision of passenger display system for NJ Transit at their new city transfer station.

Brocton, MA – provision of a passenger display system for Brocton Area Transit, for their transfer center

Hoboken, NJ – provision of a passenger display system for NJ Transit for their transfer center at Hoboken, NJ

2009

Jacksonville, FL – upgrade of the MUFIDS display system for the airport

Nantucket, MA - Nantucket Airport FIDS- complete new system for FIDS and GIDS

Lake Charles, LA - Lake Charles FIDS- Complete new system

Medfield, MA – Data View system for the High School

Huntsville, AL -- Toyota Auto plant display package

2008

Champlain College – Burlington, Vermont – provisions of a GPS display system including the prediction module for the buses on the college routes.

NYC, NY -- Pier 88 – NYC cruise terminal upgrade – LCD display system

Cincinnati, OH -- Cincinnati Airport – advertising display system for Corey Airport Systems

Lubbock, TX - Lubbock International Airport FIDS- complete FIDS and BIDS system with custom airline interfaces

2007

NYCTA – NY subway LED project – multiple stations

Ithaca, NY - Ithaca MUFIDS airport system

Port Authority of NY, NJ – large RGB over the roadway display system for the Goethals Bridge

Hillside, NJ -- Hillside Ford advertising displays

Wilkes- Barre, PA – installation of MUFIDS system for the airport

Amtrak Secure Cart program – meets TSA system plans

2006
NJ Transit - additional expansion to additional location throughout New Jersey

CCTA – Burlington, VT - transit display system for the center city transfer station, LCD based system

Bangor International FIDS, worked for Elco Electric, full Mufids system for the airport with LCD displays

2005
Islip MacArthur Airport MUFIDS- provision of a $300,000 LCD based display system, included were baggage display and automatic interfaces

JetBlue Projects- Provided passenger display project for Logan, LaGuardia, Newark directly for JetBlue Airways –Air Canada – LaGuardia FIDS for the airline

Additional Port Authority Bus Terminal projects for the Roadway and internal Audio and Visual integration.

Green Bay MUFIDS- additional expansion of the system into new concourses

2004

N.Y, NY – Port Authority of NY, NJ – Port Authority Bus Terminal – provision of a VMS display system for direction control of all buses entering the terminal, contract included over 14 large over the roadway displays and complete software management system.

2003

NJ Transit- Newark, NJ based passenger information system for bus operations, used large led boards and monitor images. Required a complex auto translating interface for data updates. $321,000.00 Dave Roundtree -978-378-6390

CDTA- Albany, NY additional video based schedule systems provided using the LCD monitor screens-

Port Authority Bus Terminal - NYC, NY - provision of a complete visual paging / clock system comprised of 288 displays all operating on special NTCIP protocol. Fiber, LAN based system –

JFK Airport - Jamaica, NY - provision of automated VMS system for the parking lot / garages for British Airways expansion

Lynchburg Regional Airport - Lynchburg, VA - provision of a complete MUFIDS system for the airport.

CDTA - Albany, NY - additional provision of shelter display system located throughout the county –

Yeager Airport - Charleston, WV - update of the MUFIDS system for the airport. - We supplied the latest software to upgrade the airport from a text based system to an HTML type web based system - added some hardware

Wright Patterson Air Force Base- Dayton, OH - provision of a small MUFIDS for this base- required a new data handling design

2001

Newark International Airport - Newark, NJ - provision of two automated parking systems for the new garages - $1,400,000.00

Hattiesburg Regional Airport - Hattiesburg, MS - Provision of a MUFIDS system for the airport

Erie International Airport - Erie, PA - Provision of a MUFIDS system for the airport
Austin Straubel International Airport - Green Bay, WI - provision of a mufids system for the airport

BWI Airport - Baltimore, MD - provision of an automated parking display system for the remote parking lots

2000

Rochester International Airport - Rochester, MN - Provision of a mufids system for the airport- Burlington International Airport - Burlington, VT - Provision of a mufids system for the airport- Binghamton Regional Airport - Binghamton, NY - provision of a mufids system for the airport

1999
JFK Airport parking control / display system - provision of a turn-key parking counting / control / display system at terminal one at JFK Airport.

West Palm Beach Airport - Variable Message Display system for the roadway at West Palm Beach Airport - Large over the road displays

Westchester County Airport - Operations display software for real time airport status reporting - Charleston, West Virginia - provision of MUFIDS system for Yeager Airport- small MUFIDS system

1998
CDTA-Albany Transit District– provision of LED bus status system with software and wireless communication system

Albany International Airport- Architectural Graphics Inc. - Provision and installation of the flight information display system including the visual paging display system and the telephone inquiry system.

Logan Airport- provision of the parking information display system for the new parking garage at Logan airport– includes software and hardware.

1997
Pittsburgh Airport- Provision of the parking directional system– supply of led hardware and software system for to be integrated into the static signage project.

Baltimore International Airport- Provision of the LED ticket information system to be integrated into the static signage package.

1996
NYCTA– provision of displays for the subway upgrade projects- have provided over forty displays with 36 more to go over the next year.

1996
Metro North Commuter Railroad– provision of platform displays for various stations – 48 displays provided

1995-1997
NJ Transit– provision of outdoor paging / display system for Hoboken, Newark, and Penn Plaza -NYC stations– 25 led displays and communication system

1996- 1997
NFTA-Buffalo Light Rail– provision for led display system and software communication system–2 projects

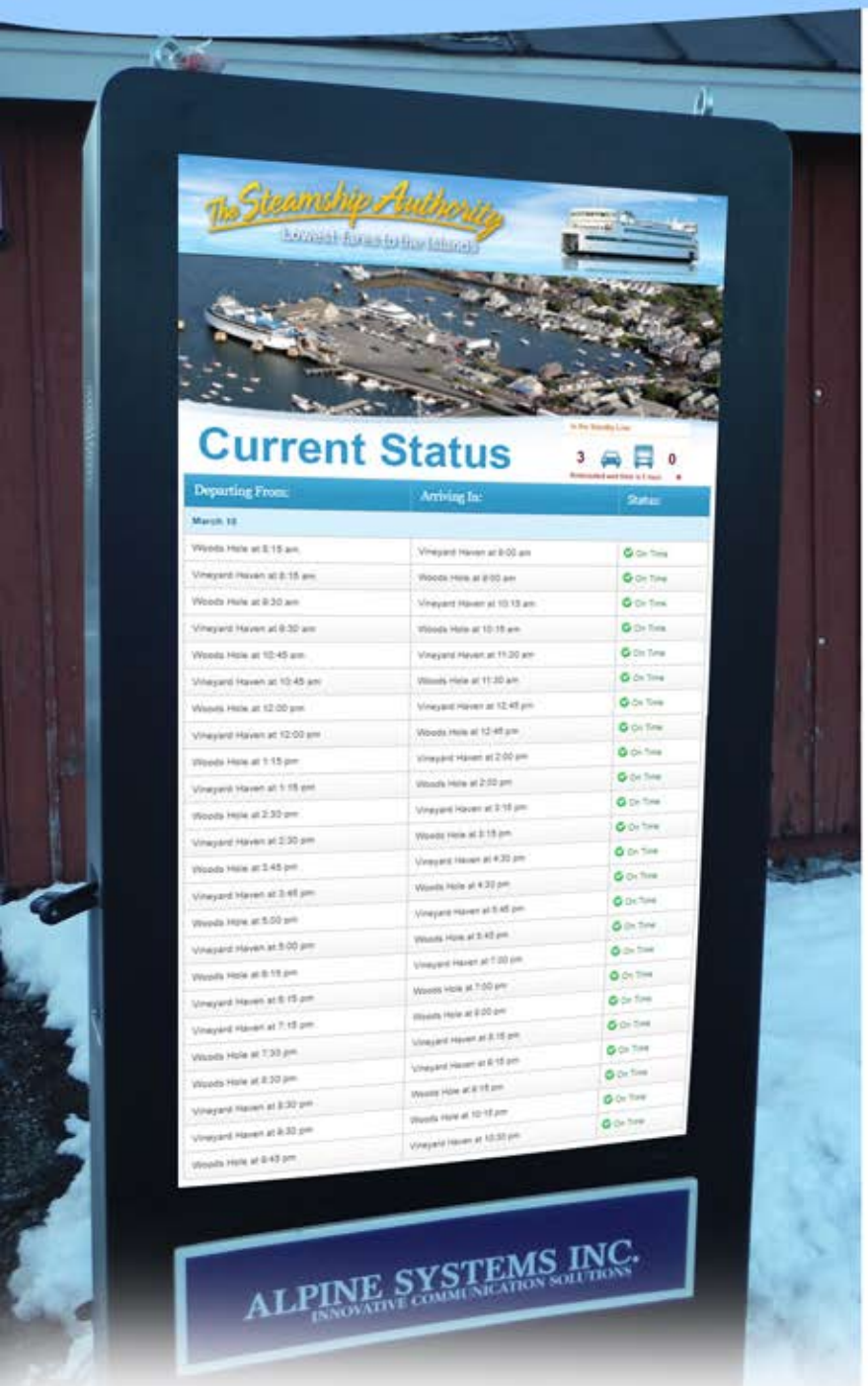
1996
Myrtle Beach Airport– provision of led paging system with software system.

HIGH ALTITUDE TECHNOLOGY

ALPINE SYSTEMS

Bus & Transit LCD

Passenger Transportation Applications



Display Bus schedules:
Upcoming, Scheduled, and Delayed

Easily inform passengers of updates in departure times, boarding status, or loading proceedures and schedules

Integrate with Alpine's wide array of transit information display systems and associated technologies to communicate live updates, situations, and events to all travelers and terminal visitors

Provide complete rundown on all ticketing, fares and charges for additional services. Changes to information and data can be made and displayed within minutes!

Display internal or partner marketing to drive programs or strategies

Display outside sales promotions to drive revenue to pay for the entire system

Display current and future events occurring in terminal, regionally or at destinations and pair with specific calendar updates

Alpine Systems is a premier provider of scheduling display software and systems

ALPINE SYSTEMS INC.
TEL: 802.422.3008

1029 DEAN HILL RD BLDG 100
KILLINGTON, VERMONT 05751

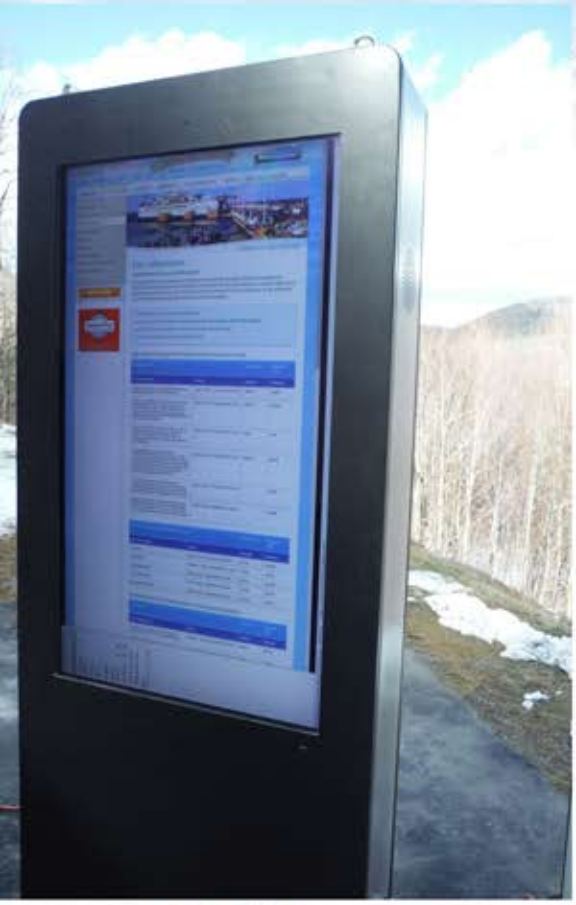
WWW.ALPINESY.COM
SALES@ALPINESY.COM

HIGH ALTITUDE TECHNOLOGY

ALPINE SYSTEMS

Bus & Transit LCD

Indoor and Outdor Applications



Single or Double Faced LCD units are specifically designed for outdoor use - ultra high brightness – 2000-2500 nit to compete with the direct sun.

Weather resistant speakers- 12 watt

Glass - 6mm AR, safety glass

60,000 hours backlight typical

Specially designed IP65 enclosures to protect from rain, wind and temperatures – both high and low

Full Windows 10 controllers provide complete control over imagery. Alpine Systems can be local or remotely hosted systems based upon your preferences. Alpine's Data-View digital
signage control product is a complete system, able to manage all your needs.

Free-standing Kiosks and Wall Mounted Units are in our product line

Standard commercial interior units are provided also

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SPECS FOR Wall Mount version – single FACED 55”

Size	1 – 55” panels
Aspect Ratio	9 :16 Landscape
Resolution	1080 x 1920
Brightness	2000 nits
Contrast Ratio	3000 : 1
Viewing Angle	176 degrees
Video Interface	HDMI
Brightness Control	OPTICAL SENSOR
Cooling Method	FAN
Working Temperature	-40 C TO +55 C
Working Humidity	5% to 100%
Power Source	ACV – 108 - 115
Maximum Power	1300 WATTS MAX (AC), 430 NORMAL
Waterproof Enclosure	OP65
Glass	6MM AR GLASS
Installation Type	½ “ ANCHORS
Data input	ETHERNET – cellular optional
Weight	93 LBS
Color	BLACK
Dimensions	28” wide X 49.5” tall X 10” Thick

HIGH ALTITUDE TECHNOLOGY

ALPINE SYSTEMS

Omni-Trans

passenger information display system,
custom built to *your* needs.

Complete System...

System Design, Hardware, Software & Support

Transit Solutions...

TIDS Products

Operational Database
Automated Bus/GPS Interfaces
Local Operation Control
Flexable Browser Controllers
LCD & LED Displays

Enhancements

Smartphone Display
Internet Hosting Module
Digital Signage
Low Power Radio
IVR Phone Module

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Killington VT, 05751

www.alpinesy.com
Sales@alpinesy.com

your transit information solution **Omni-Trans**

Transit Solutions

Software Properties

Alpine has produced Transit Software Products for over 15 years. Both bus and rail systems have enjoyed the extreme flexibility of the Omni-Trans System. The input module is very intuitive and the variation of the display output is unlimited. The automated interfaces provide the passengers the most accurate information available.

Modules

Gate/Stall/Track display and control enhancements, Internet posting, Smartphone display, SMS Messaging, IVR Response modules, Low power radio enhancements, an Advertising Modules are all enhancements that greatly benefit the passenger experience.

Alpine provides design, implementation, and support, for all our systems. The 24/7 Messaging Service frequently allows Alpine to respond for service needs before the site is aware of a problem.

For more information about Omni-Trans and other Alpine Systems Inc. Products, visit our website at www.alpinesy.com

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