



Visual Displays



Smart p1
ECOsystème



Audio PA Systems



Help
Information
Points



Ambient Noise Control



Hearing Loops

Onboard Audio & AFILs



Providing high quality
hardware and software
technology solutions for
public address



Digital Voice Announcement System

The Smart pi DVA is our Automatic (Digital Voice Announcement) system and is perfect for the transport industry.

Incorporating a web-based GUI with mobile support that is easy to operate, with multi-language support, text to speech engine and more.

Messages are clear and understood, every time with a built in scheduler, GTFS and GTFS-R support simple integration for automated announcements have never been this easy.

The Smart pi DVA is the perfect fit for large scale transportation hubs where clear, timely and correct announcements to passengers are key.

Features

- Exceptional Audio Quality and Speech Intelligibility
- A simple to operate web based GUI with built in mobile support
- Multi Language support with either audio library or Text to Speech
- A Natural Speech Engine to ensure your announcements sound human
- Full Scheduler and Timetable allowing either scheduled or set interval messaging
- LDAP / Active Directory Security Control
- Full API and GTFS/GTFS-R support
- Rolling stock EN50155 option available
- Standards Based API for control and integration.

Display Screen Views

Smart pi DVA Administrator/Admin 2020/10/26 10:28:24 Am LOG OFF

Timetable Overview

Timetable	Imported	Start	End	Mo	Tu	We	Th	Fr	Sa	Su	Time
GFS	2020-08-12 9:38:52	2020-08-12	2020-08-14	✓	✓		✓	✓			13:08
GFS	2020-08-12 9:38:52	2020-08-15	2020-08-16						✓	✓	14:08
GFS	2020-08-12 9:38:52	2020-08-17	2020-08-21	✓	✓		✓				16:03
GFS	2020-08-12 9:38:52	2020-08-22	2020-08-23						✓	✓	16:10
GFS	2020-08-12 9:38:52	2020-08-24	2020-08-25	✓	✓		✓	✓			16:45
GFS	2020-08-12 9:38:52	2020-08-26	2020-08-28	✓	✓	✓	✓	✓	✓	✓	16:15
ATrak Real-time	2018-10-24 10:12:06	2018-10-23	2018-08-29		✓						3
ATrak Real-time	2018-10-24 10:12:06	2018-10-24	2018-08-29			✓					33
ATrak Static	2018-10-24 02:08:48	2018-10-24	2018-08-29			✓					79
ATrak Static	2018-10-24 02:08:48	2018-10-25	2018-08-29				✓				168
ATrak Static	2018-10-24 02:08:48	2018-10-26	2018-08-29					✓			386
ATrak Static	2018-10-24 02:08:48	2018-10-27	2018-08-29						✓		330
ATrak Static	2018-10-24 02:08:48	2018-10-28	2018-08-29							✓	87
ATrak Static	2018-10-24 02:08:48	2018-10-29	2018-08-29	✓							363
ATrak Static	2018-10-24 02:08:48	2018-10-30	2018-08-29		✓						366
ATrak Static	2018-10-24 02:08:48	2018-10-31	2018-08-29			✓	✓				366
ATrak Static	2018-10-24 02:08:48	2018-11-01	2018-08-29				✓				366

HOME BACK TO TIMETABLE

Smart pi FSM ADMINISTRATOR LOGOUT

SETTINGS

IP CONFIGURATION LDAP **MODE**

Monitoring Mode ☒ EN54 ☐ Multi - Zoned

Smart pi LOG Markwords LOGOUT

NODE

1

DAYS

MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY SUNDAY WEEKDAY WEEKEND ALL

RANGE

Start Time 00 / 00 Start Date 05 / 12 / 2017

End Time 23 / 59 End Date 05 / 12 / 2020

DESCRIPTION

SEARCH

Channel	Sound	Time	Download
Channel 1	"SOUND"	2018-10-25 13:54:43	1870-01-01 00:00:00
Channel 2	"SOUND"	2018-10-25 13:54:43	1870-01-01 00:00:00
Channel 3	"SOUND"	2018-10-25 13:54:43	1870-01-01 00:00:00

Page: Previous 1 2 3 4 5 Next Last

Last Recorded

Channel	Sound	Time	Download
Channel 1	"SOUND"	2018-10-26 12:24:49	1870-01-01 00:00:00
Channel 2	"SOUND"	2018-10-26 12:24:49	1870-01-01 00:00:00
Channel 3	"SOUND"	2018-10-26 12:24:49	1870-01-01 00:00:00
Channel 4	"SOUND"	2018-10-26 12:24:49	1870-01-01 00:00:00

ADMIN STATUS LOGS

Master DVA

- Centralised User interface for 1000+ Zones
- Connect Multiple Nodes to single Master DVA
- Active Directory /LDBA Single Sign On
- Manage Multiple Agencies / Transport Modes
- Runs on Linux / Windows



Node DVA

- 2-512 Audio Channels / Zones per node
- Self hosted User Interface for smaller systems
- Run on Linux / Windows
- Up to 20 nodes in a single system



Audio Features

- Supports all standard audio formats
- Text to Speech with Murf.ai or Amazon Polly
- Supports Virtualised environments with up to 512 zones per server
- Supports Bare Metal environments with up to 512 zones per server
- 100 Audio Priorities
- Integration to Smart pi ECOsystem.
- Optional GTFS/GTFS-R Module

System Topology

