

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  
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# Visual Display System

Smart pi EYE Realtime Digital Signage.  
Advertising and Way Finding from a single  
interface even for the largest of systems.

## Features

- Completely web based configuration and management
- Customisable and easily scalable to many thousands of screens.
- Supports GTFS / GTFS-R Dashboard and custom protocols for Passenger Information.
- Fully Integrated into NMS / DVA and Help / Information Points.
- LDAP Integration (single sign on).
- Smart pi EYE-HD hardware (no PC required for each screen).
- Generates all views automatically with no settings are stored in the client.
- Full redundancy options available.

## Multiple Display Options

Smart pi EYE		Next Service		10:21:22
T1	North Sydney	Platform 3		
Wynyard Milsons Point North Sydney				
			Departs	3 mins
T1	Lindfield	Platform 3	Departs	6 mins

Smart pi EYE		Next Service		10:21:52
T1	Hornsby via Gordon	Platform 3		
			Departs	13 mins
T1	North Sydney	Platform 3		
			Departs	17 mins

Smart pi EYE		Next Services		10:23:10
Due	Destination	Departs	Platform	
10:24	Kiama	1m	4	
10:24	North Sydney	1m	3	
10:25	Central	1m	2	
10:27	Bondi Junction	4m	5	

## The system:

**Master** – System Configuration and Content Management System.

**Node** – Display Capacity and Business Logic.

**Ingestor** – Ingest Realtime Feeds

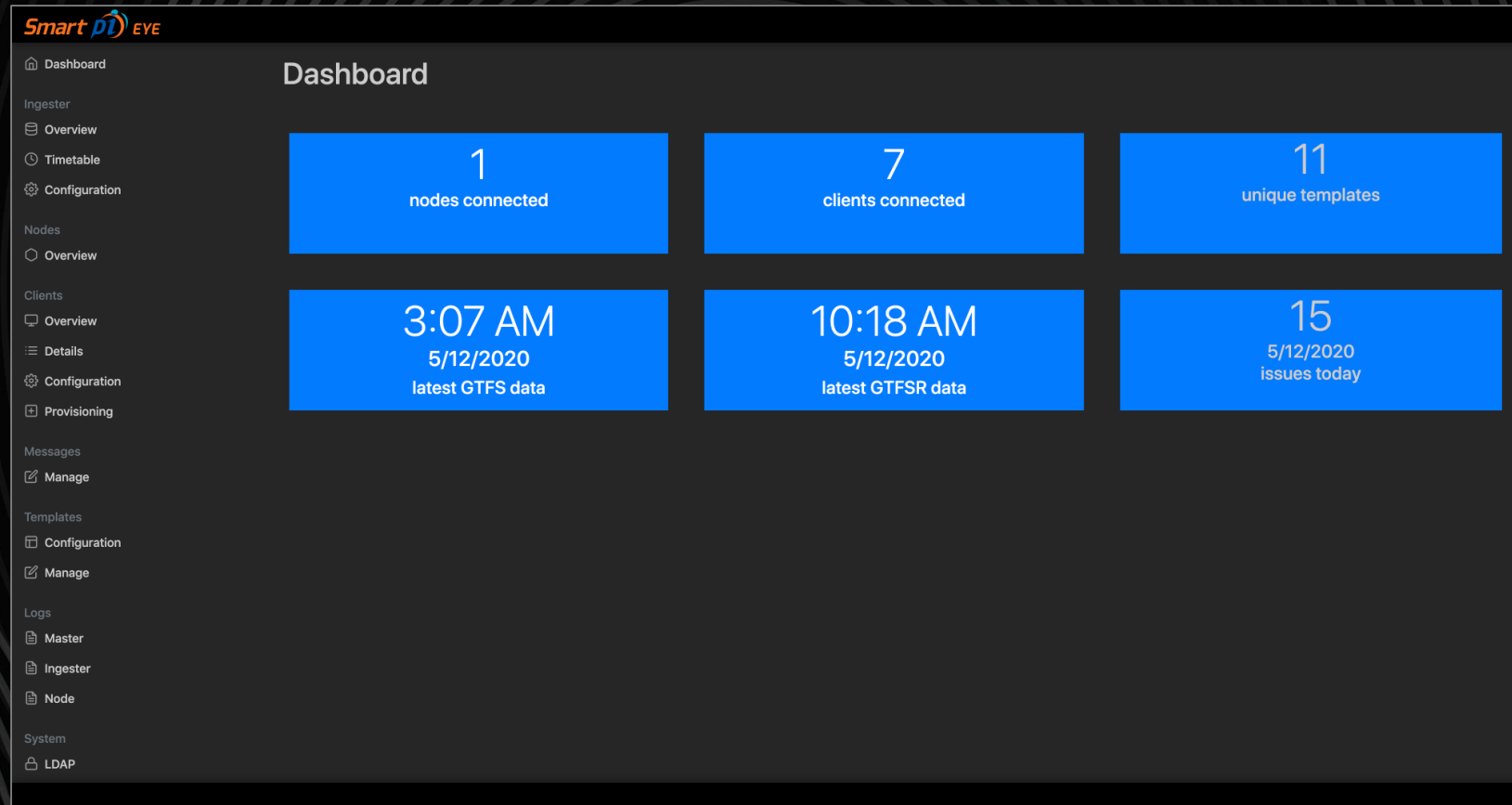
**EYE-HD** - Embedded Hardware for HDMI Output to screens.

The flexible topology allows for the system to be installed in smaller environments and expanded as needed to support more displays or integrate into other services. Multiple types of displays are configured via templates. This allows CMS Administrators to select the display type which can then automatically render the information for the Smart pi EYE-HD client in the correct format all from a single web interface, even for very large environments.





## Smart pi EYE Dashboard











# Passenger Information


- Realtime Information from GTFS/GTFS-R
- Next and Following Service Information
- Multi Agency Support
- Customise Templates
- Scale to 1000+ displays
- Business Rules per requirement
- Visualise Load Data
- Message / Advertising Integration

Olympic Park Services				Time now
				16:45
Next train	Capacity	Departs	Platform	
 Olympic Park	<div><div></div></div>	4 min	7	
 Olympic Park		12 min	4	
 Olympic Park	<div><div></div></div>	21 min	3	
 Olympic Park		25 min	6	
 Olympic Park		37 min	5	
 Olympic Park		44 min	7	
 Olympic Park		51 min	6	
 Olympic Park		54 min	4	
 Olympic Park		17:52	7	
 Olympic Park		17:57	5	










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Noarlunga Centre				Time now
				10:10 am
Next bus services	Zones F, G, H			
 Old Reynella	Now	H		
 City	7 min	G		
 City	13 min	F		
 Old Reynella	30 min	H		
 City	37 min	G		
 City	43 min	F		
 Old Reynella	60 min	H		
 City	11:18	G		








Services will not stop at Noarlunga due to technical issues.  
**Bus replacement service available from Stand A.**  
Visit [adelaidemetro.com.au](http://adelaidemetro.com.au) for service updates or to plan your trip


				Time now
				17:34
Next service	Stand	Departs		
 Miller T-Way Stn - To Liverpool	B2	4 min		
 Rouse Hill Station	B4	4 min		
 Castle Hill Station	B4	4 min		
 West Ryde	A3	5 min		
 Norwest Station	B4	5 min		
 Macquarie Rd Before Gipps Rd	B2	6 min		





**Light Rail**  
From Parramatta Square

Next service	Departs
 Westmead	3 min
 Carlingford	9 min
 Westmead	12 min
 Carlingford	18 min

Next Services				Time now
				12:37
	Platform	Capacity	Departs	
Bradfield 	2	<div><div></div></div>	Now	
St Marys	1	<div><div></div></div>	3 min	



Services will not stop at Luddenham due to technical issues.  
**Bus replacement service available from Stand B on Station Street.**  
Visit [transportnsw.info](http://transportnsw.info) for service updates or to plan your trip

Next Services				Time now
				12:41
	Platform	Capacity	Departs	
Bradfield 	2	<div><div></div></div>	2 min	
St Marys	1	<div><div></div></div>	5 min	
Bradfield 	2	<div><div></div></div>	7 min	
St Marys	1	<div><div></div></div>	9 min	

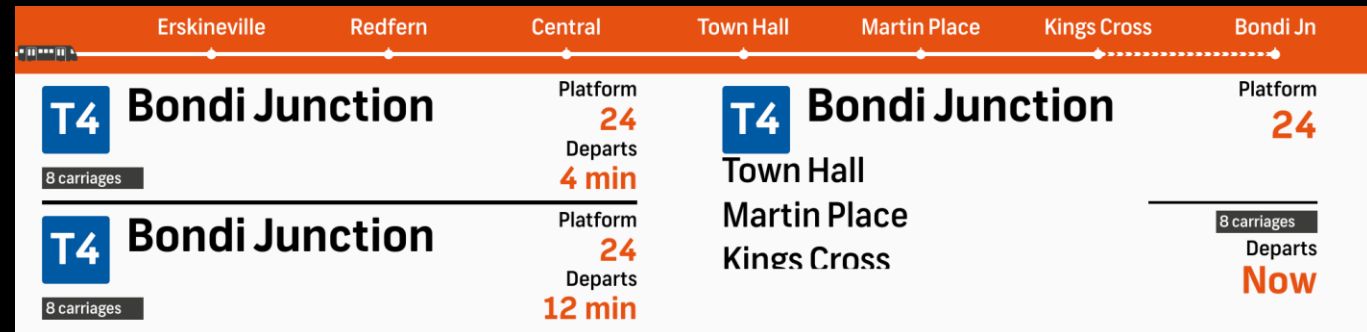
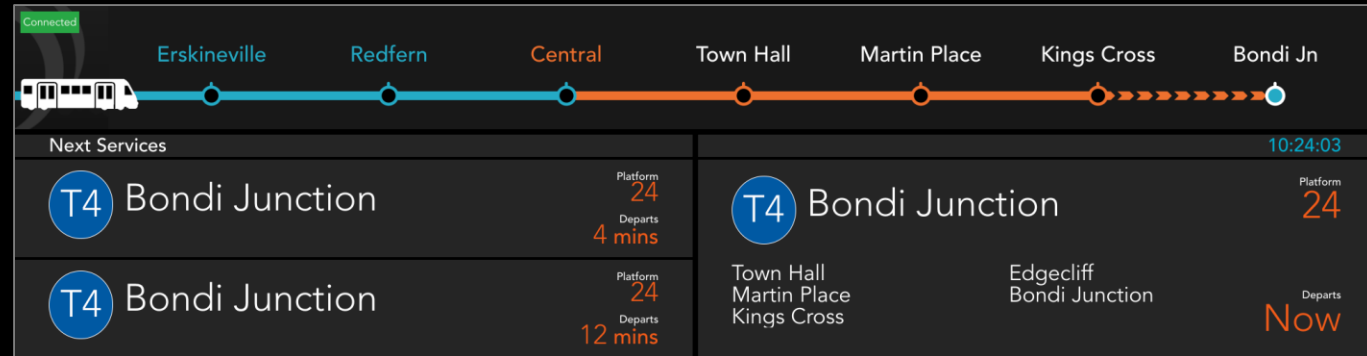


## Display Types

- Next Services
- Following Services
- Multi Services
- Dual Next Services
- Departure Boards
- LED Displays
- Kiosks
- URL Passthrough
- Clock

### Display Information your way

- All displays can be customised
- Select Display Type and Create Templates
- Message and Alert Engine for all display types



# Multi Agency Support

Smart pi EYE Multi Agency ensures passengers have access to accurate and real-time information across all transport modes.

Whether it's buses, trains, or ferries, the system provides updates on schedules, delays, and routes, making travel easier.

## Features

- Single System for all Modes of Transport
- Buses, Trains, Trams, Metro, Ferries, Airports and More
- Add Unlimited Agencies / GTFS feeds
- Filter and Display information on a single screen
- Custom templates




T Trains from Strathfield station				Time now 14:17	
Next train		Departs	Platform		
T1	Richmond	Now	6		
T2	City Circle	Now	7		
T1	Gordon	2 min	4		
T2	Parramatta	3 min	8		
T1	Penrith	5 min	6		
T9	Gordon	6 min	5		
T2	Leppington	6 min	8		
T2	City Circle	7 min	7		
CCN	Newcastle	9 min	3		
T9	Hornsby	11 min	6		

B Buses from Everton Road, Stand A-D				Time now 16:11	
Next bus		Capacity	Departs	Stand	
458	Ryde Shops - Church St	👤👤👤	4 min	A	
526	Rhodes Shopping Centre (Rider Bvd)	👤👤👤	12 min	B	
526	Burwood Westfield	👤👤👤	26 min	D	
458	Burwood Westfield	👤👤👤	29 min	D	
458	Ryde Shops - Church St	👤👤👤	34 min	A	
526	Rhodes Shopping Centre (Rider Bvd)	👤👤👤	44 min	B	
526	Burwood Westfield	👤👤👤	58 min	D	
458	Ryde Shops - Church St	👤👤👤	15:21	A	
458	Burwood Westfield	👤👤👤	15:21	D	
526	Rhodes Shopping Centre (Rider Bvd)	👤👤👤	15:27	B	

B Buses from Everton Road, Stand A-D				Time now 16:11	
Next bus		Capacity	Departs	Stand	
526	Burwood Westfield	👤👤👤	6 min	D	
458	Burwood Westfield	👤👤👤	8 min	D	
458	Ryde Shops - Church St	👤👤👤	9 min	A	
526	Rhodes Shopping Centre (Rider Bvd)	👤👤👤	10 min	B	
526	Rhodes Shopping Centre (Rider Bvd)	👤👤👤	30 min	B	
458	Burwood Westfield	👤👤👤	37 min	D	
526	Burwood Westfield	👤👤👤	37 min	D	
458	Ryde Shops - Church St	👤👤👤	39 min	A	
526	Rhodes Shopping Centre (Rider Bvd)	👤👤👤	47 min	B	
526	Rhodes Shopping Centre (Rider Bvd)	👤👤👤	17:14	B	
458	Burwood Westfield	👤👤👤	17:17	D	
526	Burwood Westfield	👤👤👤	17:20	D	
458	Ryde Shops - Church St	👤👤👤	17:21	A	

Strathfield Interchange Map			
			



## Dynamic Wayfinding

- Custom Size LED Displays
- Integrated Real-Time Transportation Data
- Simple Web / Mobile Control
- Animated / Video Integration
- High Brightness Indoor / Outdoor
- Up to 20 Displays from an EYE-HD

### Complete Control

- Dynamic Wayfinding, move crowds where you want them
- Control Displays individually or as a Group
- Integrate to GTFS-R Alerts
- Integrate with Lifts and Escalators



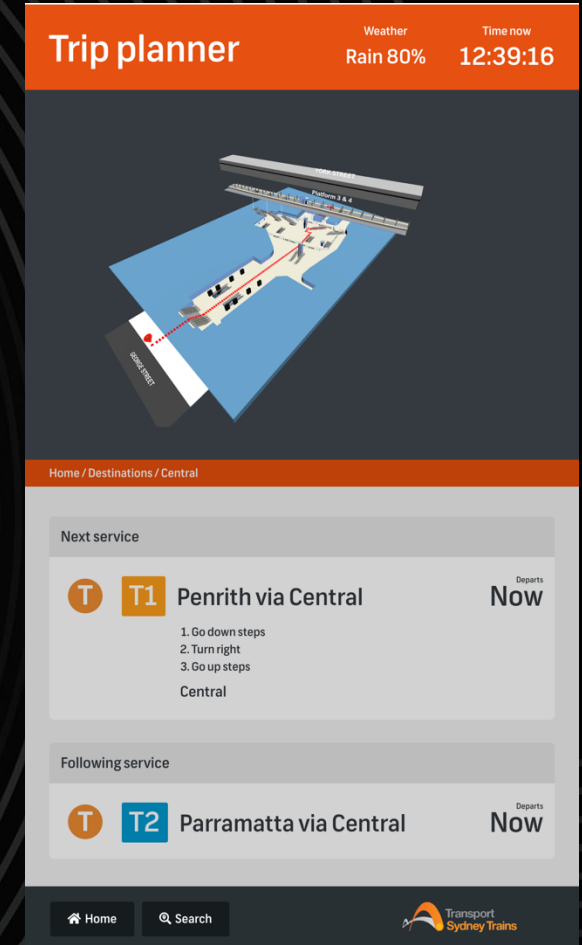
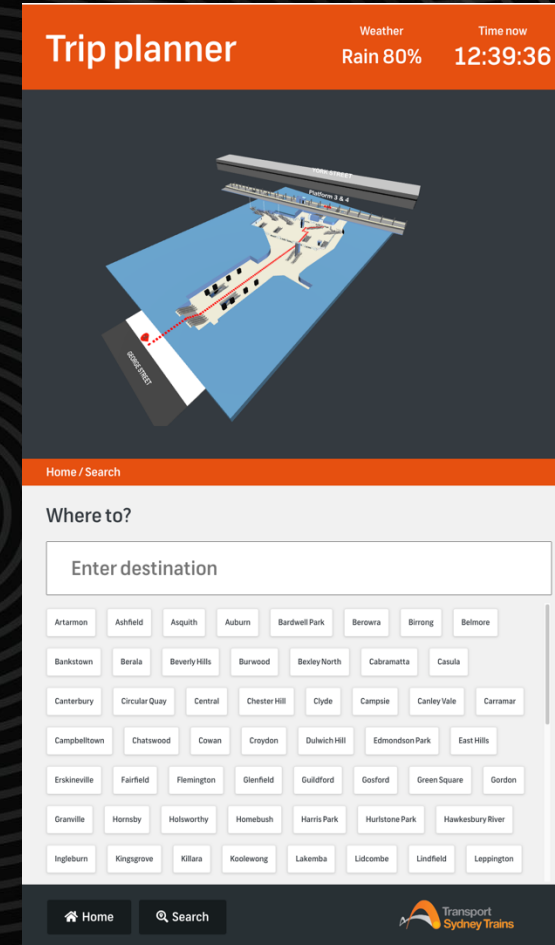


# Interactive Kiosks

The Smart Pi EYE - KIOSK trip planner uses real-time updates and custom 3D models to simplify travel. It highlights schedules, routes, and points of interest, offering passengers an engaging and efficient planning experience.

## Features

- Real Time Information Interactive Kiosk
- Import 3D models and layers for wayfinding
- Automatically filters possible destinations
- Include RSS feeds and tickers for news / weather etc
- Add in custom Points of Interest
- Designed for touch



# Integrated Marketing

- Integrated Messaging Templates
- Built in Messaging System
- Build Marketing Templates
- Animated / Video Integration
- Partial or Full Screen messages

## Integrated Templates

Olympic Park Services

Time now  
16:45

Next train	Capacity	Departs	Platform
 Olympic Park	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	4 min	7
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 Olympic Park		54 min	4
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 Olympic Park		17:57	5




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- Customise any template to Support Speech to Text Announcements
- Create as Full Screen or Partial Screen
- Add Icons and Headers

Diagram illustrating the rail route from Gordon to Central via Strathfield. The route is shown as a horizontal line with stations marked by dots. The stations are: Gordon, Strathfield, Cheltenham, Epping, Eastwood, Denistone, West Ryde, and Central. The route is divided into two sections by a vertical line. The left section shows the route from Gordon to Strathfield, and the right section shows the route from Strathfield to Central. The route is labeled 'T9' at both ends. The route is also labeled 'via Strathfield'.



## Announcement

Mind the gap when boarding the train.

Eastwood

Denistone

West Ryde

Central

T9

**Gordon**  
 via Strathfield

Platform 1

Concord West

North Strathfield

Strathfield

8 carriages

Limited stops

Departs

4 min

## DVA Integration

- Automate and Control Messages via DVA Audio
- Control Modes via DVA Audio
- Control Videos and Images via DVA Audio
- Buttons to “read” / playout screen content (Smart pi HLP)





## The Hardware

- Smart pi EYE-HD has no moving parts.
- Controlled in Real-time via the main web interface.
- Only the device name is configured on the actual EYE-HD unit.
- Indoor and Outdoor versions available.
- Low power usage, can be powered from the USB output on the screen.
- Screengrab every 60 seconds
- Hyundai IT / Daktronics Display Integration

### Front

- 3 x USB
- 1 x Ethernet
- Status Screen



### Rear

- Micro USB - 5v power
- 2 x GPI/O
- 2 x Balanced Audio Outputs
- 1 x HDMI



### Rackmount Kit

- 3RU Rackmount Kit
- Up to 9 x EYE-HD
- Easy cable management

