

Artists Internet of Cars

This document serves as an index to the pieces created as part of the 'Internet of Cars' digital artist interaction as part of the EU funded 6th Sense Project.

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Artists Internet of Cars

Artist: **Hollington and Kyprianou**
Title: The Car that Turned (2014)
Medium: Film (5mins)
Exhibition Dates: 13 May – 23 May Bridport Arts Centre, 10am - 4pm
31 May – 8 July Winchester Science Centre 10am – 4pm
3 June – 6 July Turner Sims 10am – 5pm

Number of Visitors: Bridport Arts Centre- 580
Turner Sims - 1800
Winchester Science Centre - 22000

The 'classic' American road movie was both an emblem of achieving and escaping from the American Dream. The car, the road and the hero are the holy trinity of American cinema. But what would a convincing UK road movie look like? What architecture would it traverse today? How would the plot develop if it were constructed from the shapes and patterns of the ubiquitous data collected from ANPR technology? What would its journey tell us if the data were combined with how researchers approach and analyse the data?

'The Car That Turned' is in a sense a very British road movie – one whose structure is derived from the patterns that emerge from data collected by the UK's ANPR system, and whose on-screen narrative merges co-ordinates with the inferences drawn by human analysis - a 21st century version of Mass Observation, collecting information to understand to control and improve, and if that fails, to make do and mend'.

Video Link: <http://vimeo.com/94546120>



Artists Internet of Cars

Artist: **Halford and Beard**
Title: Router (2014)
Medium: Sound piece (19.22 mins)
Venue and dates: 13 May - 23 May Bridport Arts Centre, 10am - 4pm
31 May – 8 July Winchester Science Centre 10am – 4pm
3 June – 6 July Turner Sims 10am – 5pm

Number of Visitors: Bridport Arts Centre- 580
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Router is the soundtrack to an imaginary movie which tells the story of a secret 'mobile prison' experiment by a sinister American G4S-style company. The company confines four guys in a van and condemns them to travel the roads of a coastal city in an endless voyage of the damned. Naturally, things go horribly wrong...

The voice-over is by a PR representative of the company who is trying to 'spin' the story of the experiment to dispel all the rumours and conspiracy theories that have developed.

Credits

Scenario: Victoria Halford and Steve Beard
Voice: Jane Perry
Original soundtrack: The Caretaker
Running time: 19:22

About Halford and Beard: Halford and Beard make art about accidents.

Our first film, *Voodoo Science Park* (2009), is about the poetics of accident investigation and was shot at the Health and Safety Laboratory (HSL) in the Peak District. HSL deals with rail crashes, industrial accidents and infrastructure failures.

In September 2013, we received a Leverhulme Trust artist-in-residence grant to research a new film with disaster management scientists at Southampton University. The film is about Paul Virilio's idea of the 'global accident'. It will be shown at John Hansard Gallery between 5 May and 27 June 2015.



Artists Internet of Cars

Artist: **Polak and Van Bakkum**
Title: Fronting Motion (2014)
Medium: Internet based artwork
Venue and dates: 13 May - 23 May, Bridport Arts Centre, 10am - 4pm
13 - 15 June, Guildhall Square, Southampton, 8am - 11.45pm
Number of Visitors: Guildhall Square - 2000
Bridport Arts Centre- 580

Description:

We face our opponents, human beings, just like us. We can see them but they are unaware of our watching. And although transformed to an abstract landscape, behind it we would be able to recognize them. One by one.

What you are seeing is a landscape, taking place right now. Two realities merge into a panorama of a contemporary landscape. In the west cars are coming right at you. In the east you overlook the arriving and leaving ships in the harbor taking their time.

Everywhere you hear this constant noise, is it the sea you hear or is it the sound of a highway? There is no way to distinguish other than by seeing or imagining, because both are, as the Dutch poet Henk Ester claims, in E flat.

“Fronting Motion” is an Internet based artwork by PolakVanBakkum
May 2014-ongoing

Practical description.^[L]_[SEP]“Fronting Motion” consists of two screens and two surround soundscapes (automatically converted to stereo if applicable) facing each other. The work is based on two streams of live data: one coming from number plate recognition (ANPR) cameras along the A354, Dorchester-Weymouth, while the other stream will origin in the vessel tracking system around the Nearby Southampton harbour, both in the UK. Both data streams will be translated into a surround sound stream and a corresponding visual stream. Each stream will be broadcasted through its own url, which makes the piece technically very simple to present and flexible to any given space: it could be exhibited as black box installation for art spaces, but also on two combined screens, of various sizes (computers, smartphones, pads, outdoor projection). Thus combined, the two streams create a multiphonic soundscape with two video screens: 1 screen plus surround/stereo represents the traffic flow on land, the other screen plus surround/stereo sound represents the traffic flow at sea.

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Tech specs

Use Chrome browser to experience this project if possible on two computer screens.
Then go to:

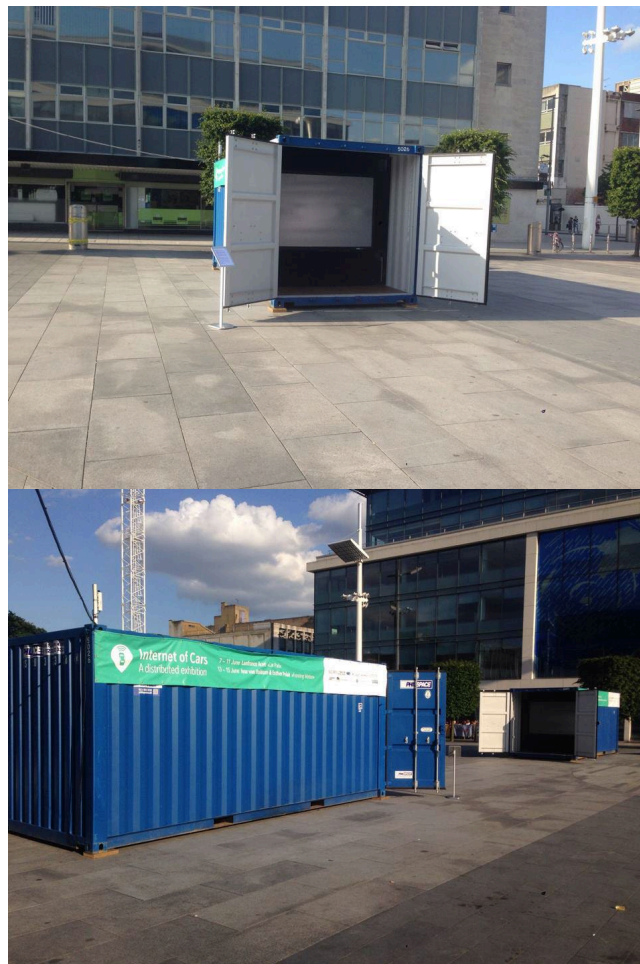
- www.frontingmotioneast.net [Southampton harbour data stream]
- www.frontingmotionwest.net [ANPR camera data stream]

We thank:

The Sixth Sense Transport, for initiating this project; Siemens and the University of Southampton providing us with the ANPR-data of the A354, Dorchester-Weymouth. Marinetraffic.com for providing us with the AIS data of ships passing Southampton harbor; Stokroos Fund Netherlands for additional funding

Realized in collaboration with: Peter Robinett, coding; Arjan Scherpenisse, coding; Arno Peeters, sound; Mart van Bree, distribution

Video: <http://vimeo.com/69692883>



Artists Internet of Cars

Artist: **Stanza**
Title: The Accident of Negligence and The Agency at the End of Civilisation (2014)
Medium: Installation, mixed media
Venue and dates: 31 May – 8 July Winchester Science Centre 10am – 4pm
Number of Visitors: Winchester Science Centre - 22000

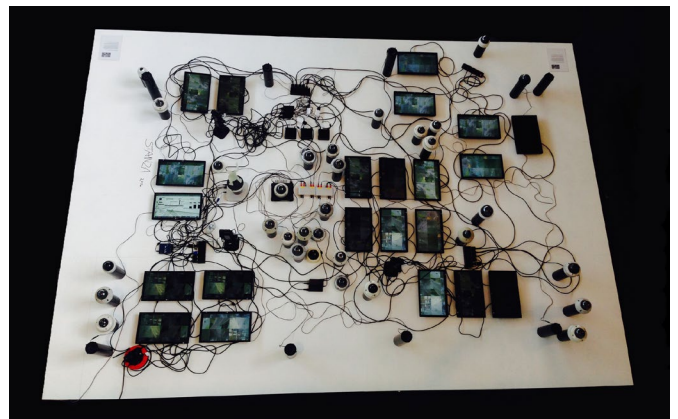
Description:

The artwork is a real time interpretation of the data of the Internet of Cars project using the number plate recognition system aligned with real time images from one hundred CCTV cameras in the region of South of England. The installation presents all this as a spatialised audio experience of spoken texts and generative visuals.

The audience engages with the work as observer (of the surveillance and recorded space) looking at 24 screens, a dozen speakers, and a labyrinth of CCTV cameras built as an art installation presented on a plinth.

The artworks makes use of future predictive software while at the same time exploring time from multiple perspectives in what Stanza calls a "Parallel Reality".

Video: <http://vimeo.com/97613466>



Artists Internet of Cars

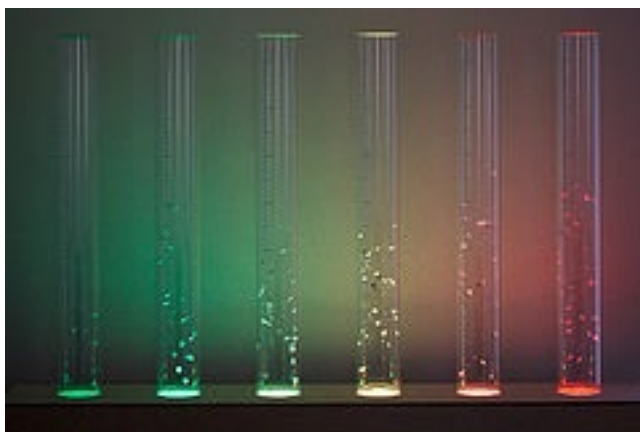
Artist: **Duncan Shingleton**
Title: **Flows**
Medium: Installation, mixed media
Venue and dates: 3 June – 6 July Turner Sims 10am – 5pm
Special Events: 1 July Winchester Science Centre Artists talks 6-8pm
Number of Visitors: Turner Sims - 1800

Flows explores Manuel Castells theory of the Space of Flows, proposed in *The Rise of the Network Society* (1996), which relates to network society and technologies role in a new type of space; made up of movement that brings distant elements – things and people – into an interrelationship through synchronous, real-time interaction. He proposes that flows are understood by the purposeful, repetitive, programmable sequences of exchange and interaction between physically disjointed positions held by social actors in the economic, political and symbolic structures of society. Therefore we can define flows as consisting of three elements – the medium through which things flow, the things that flow, and the nodes among which the flows circulate. *Flows* interprets these three elements through the A354's ANPR cameras, CO₂ emission ratings data and vehicles.

Flows scans registration plates in real-time across the six camera sites on the A354 between Dorchester and Weymouth. As vehicles pass the cameras a vehicle lookup enquiry is made to ascertain data on their CO₂ emission rating, which is then used to drive Arduino controlled air turbines, generating movement in six particle filled acrylic tubes. As the total amount of CO₂ emitted ebbs and flows, the air rate is increased and decreased in correlation, changing the velocity of the particles. At the same time the tubes are flooded with light corresponding to the now ubiquitous environmental ratings charts. In this way, the viewer gains insight into the immaterial flow of CO₂ between Dorchester and Weymouth at any given moment in time.

Thanks to: Mark Kobine, Centre for Design Informatics, Simon Box, University of Southampton, and Sixth Sense Transport and SCAN for commissioning the artwork.

Video: <http://vimeo.com/98233202>



Artists Internet of Cars

Artist: **Lanfranco Aceti**
Title: Car Park
Medium: Performance
Venue and dates: 7 – 11 June, Guildhall Square, Southampton
Number of Visitors: 2000 Guildhall Square

Description:

Car Park is a new artwork by Lanfranco Aceti curated by Helen Sloan as part of the exhibition Internet of Cars in association with the John Hansard Gallery. The artwork is inspired by notions of hard labor and economic exploitation, which will provide the conceptual underpinning for an exhibition and a public performance in Southampton from June 7 to June 12, 2014.

Statement:

Can people be reduced in an extreme process of commodification to objects? What is the process that numbering and data mining generates within a societal context? Is the extreme consequence of unchecked ideological forms of contemporary capitalism driving illogical syllogisms to their ultimate destination?

The processes of extreme contemporary commodification together with systems of data collections that are neatly boxing within pre-conceived frameworks a wide range of human activities are embedded within capitalistic ideological frameworks of exploitation of society and the masses within it. This conjunction is re-introducing within contemporary post-society Medieval concepts of abuse that marketed as 'necessary' or 'empowering' create new categories: neo-serfs, micro-thievery on global scale or legal unethical exploitations.

By reducing people to 'Cars,' literally and setting up a Car Dealership - part of a new business venture called Lanfranco Aceti Inc. - the artwork will re-introduce to Britain neo-serfs labor conditions in order to sustain economic growth and create new jobs.

Buy a Car-Man. Help the world.



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Additional Activities:

Car(bon) Mart

Bridport Arts Centre, 17 May 10.30am-2pm

A series of demonstrations of work from the Sixth Sense Transport project, and SCAN. Projects featured: Smart Scalextric (University of Southampton, Transportation Research Group); Affective Doodle Toolkit (Lancaster University); Oxfam Smart Bins (Design Informatics, University of Edinburgh); Weasley Clock (Lancaster University); CoGet (Design Informatics, University of Edinburgh); 6STTravel and LinkLocal (Sixth Sense Transport).



Demo Day

Winchester Science Centre, 1 June 10am-5pm

A series of demonstrations of work from the Sixth Sense Transport project, and SCAN. Projects featured: Smart Scalextric (University of Southampton, Transportation Research Group); Affective Doodle Toolkit (Lancaster University); Oxfam Smart Bins (Design Informatics, University of Edinburgh) and CoGet (Design Informatics, University of Edinburgh).



Artists Internet of Cars

Internet of Cars Flash Mob

Winchester Science Centre, 1 June 9.30-10.15pm

A performance to celebrate the opening of Internet of Cars at Winchester Science Centre. 20 static cars performed in the Winchester Science Centre Car Park during this event created by Chris Speed.

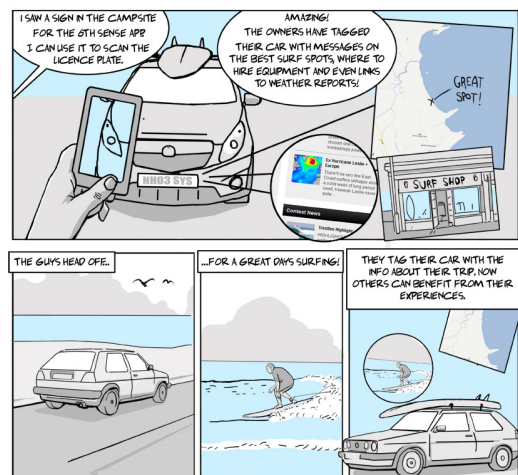


Kevin Allen Illustrator

Displayed across exhibition venues.

To help the people who took part in our case studies for the Sixth Sense Transport project we asked the cartoon artist Kevin Allen to make some comic strips to help us describe what sorts of experiences we might expect if we used Sixth Sense Transport applications. The research explored four areas of research:

- _ Tourism – sharing of resources within visitor communities on campsites
- _ Primary Education – Walking School Buses and child drop-off and collection
- _ Urban Logistics – supporting the flow of good across Oxfam stores
- _ Internet of Cars – how car number plates can be used to build social networks



Artists Internet of Cars

Internet of Cars app

The exhibition included a new app for the iPhone and Android to enable you to interact with the Internet of Cars exhibition. As part of the network you will be able to spot yourself within artworks, installations and visualisations. Just enter your car's name, short description and a picture. Hit send and connect with the rest of the IoC network. The app is available in the iTunes store (link on our website). Free Car-stickers were also available in three colours and were distributed at each venue.

