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Health and Safety and International Travel Conference  
20th September 2012





What is Levima?

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**WHO IS LEVIMA**

- Island GIS Ltd (Graduates of Msc in GIS, School of Geosciences, 2003)
- Mobile Healthcare Networks Ltd (MHN) (Informatics, 2003)

**COLLABORATION IN DEVELOPMENT**

- Edinburgh University International Office
- Health and Safety Department
- External consultancy / advice 



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**REQUIREMENTS**

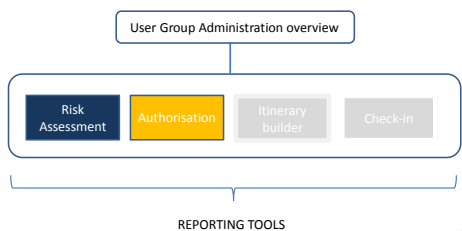

- Duty of Care obligations
- Travel risk assessment and authorisation
- Centralised itineraries & communication
- Locate travellers in an emergency situation
- Track without "Tracking"
- Technology platform independent




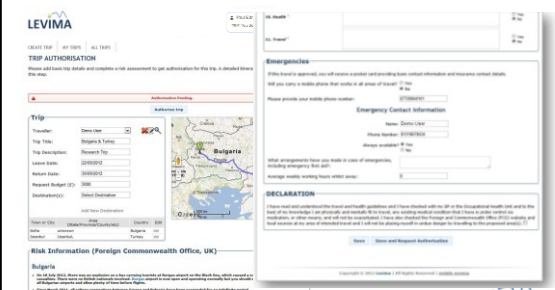

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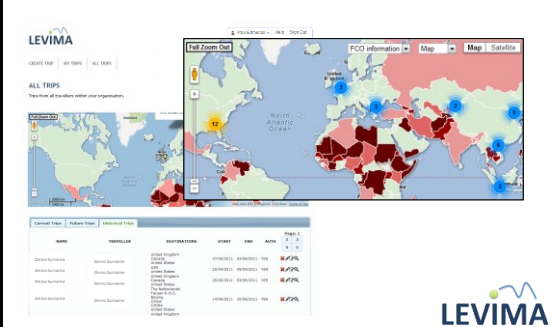

**MODULAR WORKFLOW**

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ALL TRIPS  
Trips from all travellers within your organisation.

Live traffic

Trip Name	Traveller	Destinations	Start	End	Authorised
Edinburgh/Oxford Trip 2012	United Kingdom	United Kingdom	18/09/2012	29/09/2012	YES
KL, Sing & Jakarta Sept 2012	Malaysia	Malaysia, Singapore, Indonesia	18/09/2012	06/10/2012	YES
	United Kingdom	United Kingdom			

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ALL TRIPS  
Trips from all travellers within your organisation.

Live Weather

Trip Name	Traveller	Destinations	Start	End	Authorised
Edinburgh/Oxford Trip 2012	United Kingdom	United Kingdom	18/09/2012	29/09/2012	YES
KL, Sing & Jakarta Sept 2012	Malaysia	Malaysia, Singapore, Indonesia	18/09/2012	06/10/2012	YES
	United Kingdom	United Kingdom			

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ALL TRIPS  
Trips from all travellers within your organisation.

Visualise your destination

Trip Name	Traveller	Destinations	Start	End	Authorised
Edinburgh/Oxford Trip 2012	United Kingdom	United Kingdom	18/09/2012	29/09/2012	YES
KL, Sing & Jakarta Sept 2012	Malaysia	Malaysia, Singapore, Indonesia	18/09/2012	06/10/2012	YES
	United Kingdom	United Kingdom			

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Risk Assessment    Authorisation    **Itinerary builder**    Check-in

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CRUISE TRIP    ALL TRIPS    ALL TRIPS

Edit Itinerary

Details

Traveller: [Name] (Click to edit name)

Name: [Name]

Department: [Department]

Location: [Location]

Mobile: [Mobile]

Working: [Working]

Authorisation: [Authorisation]

Add Itinerary Item

New Leg?

Travel Mode: [Travel Mode]

Check In: [Check In]

Flight Number: [Flight Number]

Departure Date: [Departure Date]

Notes: [Notes]

New Location

Address Line: [Address Line]

Town or City\*: [Town or City\*]

University of Edinburgh

Country\*: [Country\*]

Postcode\*: [Postcode\*]

City of: [City of]

Country\*: [Country\*]

Auto-complete    Save    Clear    Cancel

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CRUISE TRIP    ALL TRIPS    ALL TRIPS

View Itinerary

Demose User

Itinerary Item	City	Country	Status
[Item 1]	[City]	[Country]	[Status]
[Item 2]	[City]	[Country]	[Status]
[Item 3]	[City]	[Country]	[Status]

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Risk Assessment

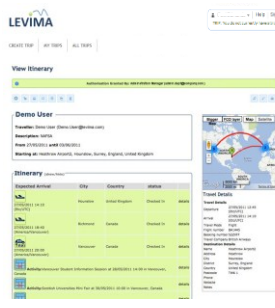
Authorisation


Itinerary builder


Check-in



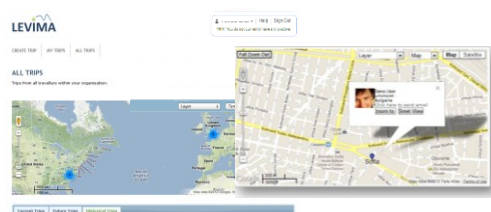
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NAME	TRAVELLER	DESTINATION	START	END	STATUS	TYPE
Demotest User 1	Demotest User 1	London, England	20/09/2011	20/09/2011	OK	ITIN
Demotest User 2	Demotest User 2	London, England	20/09/2011	20/09/2011	OK	ITIN
Demotest User 3	Demotest User 3	London, England	20/09/2011	20/09/2011	OK	ITIN
Demotest User 4	Demotest User 4	London, England	20/09/2011	20/09/2011	OK	ITIN
Demotest User 5	Demotest User 5	London, England	20/09/2011	20/09/2011	OK	ITIN



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Risk Assessment

Authorisation


Itinerary builder

Check-in

} REPORTING TOOLS



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**Current Group**

Traveller	Trips Total	CHECK-INS	CHECK-OUTS	OK	PROG	ERR
Demotest User 1	0	0	0	0	0	0
Demotest User 2	2	0	0	0	0	0
Demotest User 3	1	0	0	0	0	0
Demotest User 4	2	0	0	0	0	0
Demotest User 5	0	0	0	0	0	0
Site Administrator	0	0	0	0	0	0

**Annual Summary (Group of 000)**


Month	Trips	OK	PROG	ERR
Jan	1	1	0	0
Feb	1	1	0	0
Mar	1	1	0	0
Apr	1	1	0	0
May	1	1	0	0
Jun	1	1	0	0
Jul	1	1	0	0
Aug	1	1	0	0
Sep	1	1	0	0
Oct	1	1	0	0
Nov	1	1	0	0
Dec	1	1	0	0
<b>Total</b>	<b>10</b>	<b>10</b>	<b>0</b>	<b>0</b>



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**QUESTIONS ANSWERED**

- "Duty of care" considered at each stage of the workflow
- Quickly locate and communicate with staff
  - Flexible itinerary access planning and sharing
- Knowledge sharing not tracking
- Technology independent - Check-in by any means
- Reporting – create value from you own data



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## Behind the Scenes...

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2010/11      WORK IN PROGRESS      2012

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### Challenges:


- Check-in must be simple intuitive (Mobile, internet, manual, email)
- Added complexities with international travel - Contingency (Time-zones, internet/telecoms access)
- A workflow for all - modular flexibility and user groups
- Crowd sourcing and on-going improvements



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### Looking ahead

- Advanced reporting tools
  - Advanced budget/travel expenses management
- Risk assessment standards
  - Integration with Visa / Health information
- Improved itinerary
- Improved communications
- Student travel / study abroad module



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QUESTIONS:

**Please visit us for a live demo**

Or contact us

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