# Intelligent Mapping of Sydney Airport

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Sydney Airport

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# Sydney Airport Statistics

Sydney Airport

## Australia's International Gateway

**906** HECTARES

**1100** FOOTBALL FIELDS

**400** BUILDINGS & STRUCTURES

**6.4%** OF THE NSW ECONOMY

**42** MILLION PASSENGERS ANNUALLY

**3** TERMINALS

**3** RUNWAYS

JOBS **306,700**

# Why implement GIS important at Sydney Airport?

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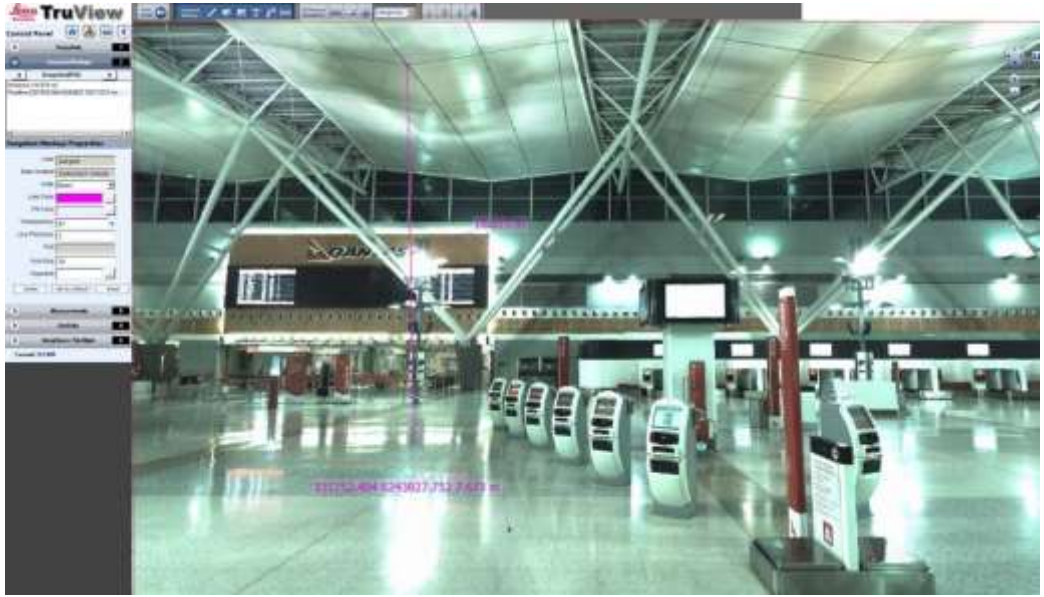
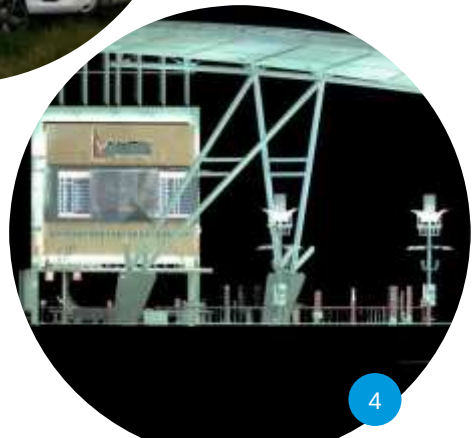
# Data Capture

## Surveying Services – 3D TruView





# What does Sydney Airport Map?

## Infrastructure and Architecture

# Mapping inside the terminals

## Lease Plans, Occupancy Plans, ACCC Reporting

# Construction and Impact

## Project Staging and Sentiment Mapping

# Mapping external information

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## Airspace Protection, Airfield Lighting, Wildlife Observations

# Information sharing & mobility

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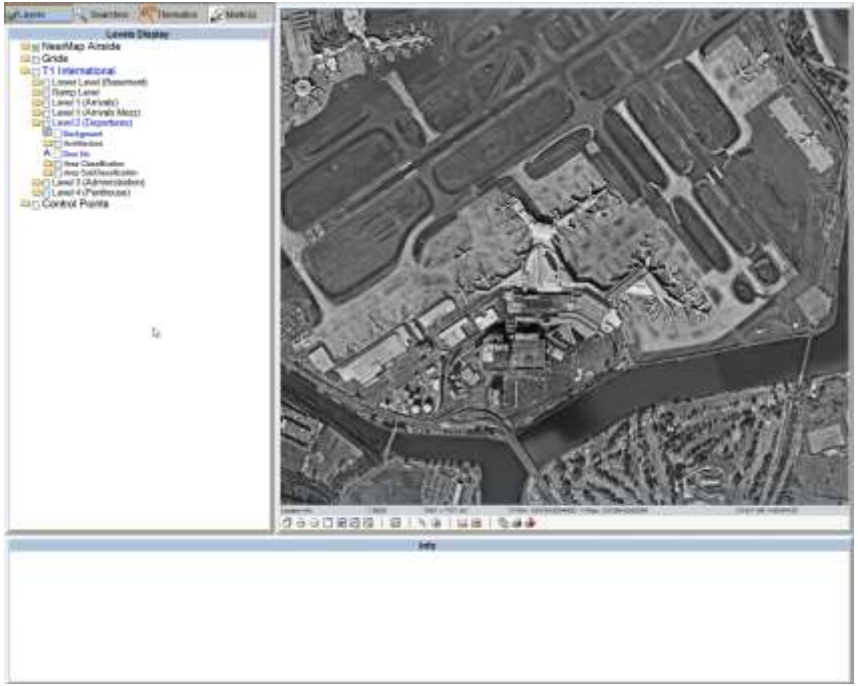
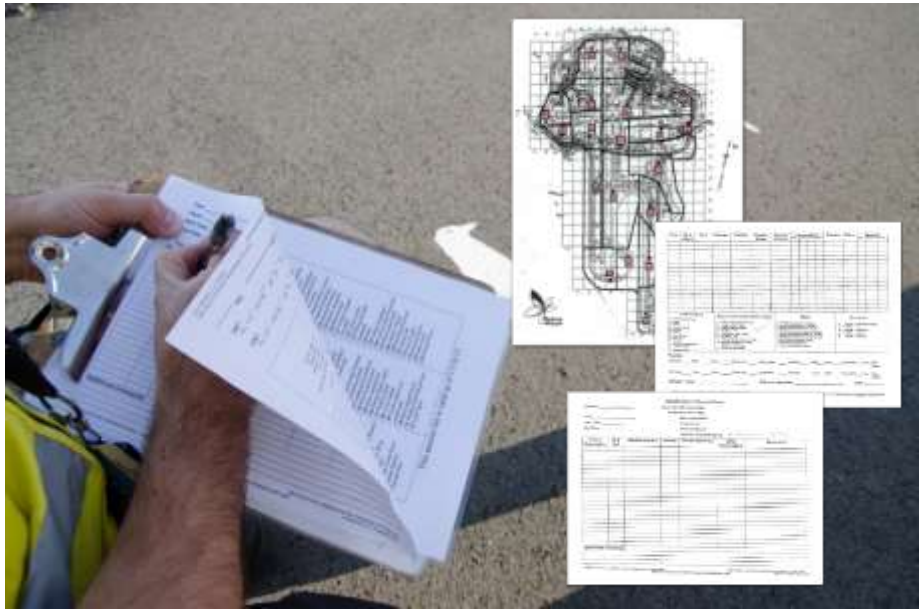
# Information Sharing

**Our SP4s mean the latest GIS and thematic mapping information is always right at our fingertips**



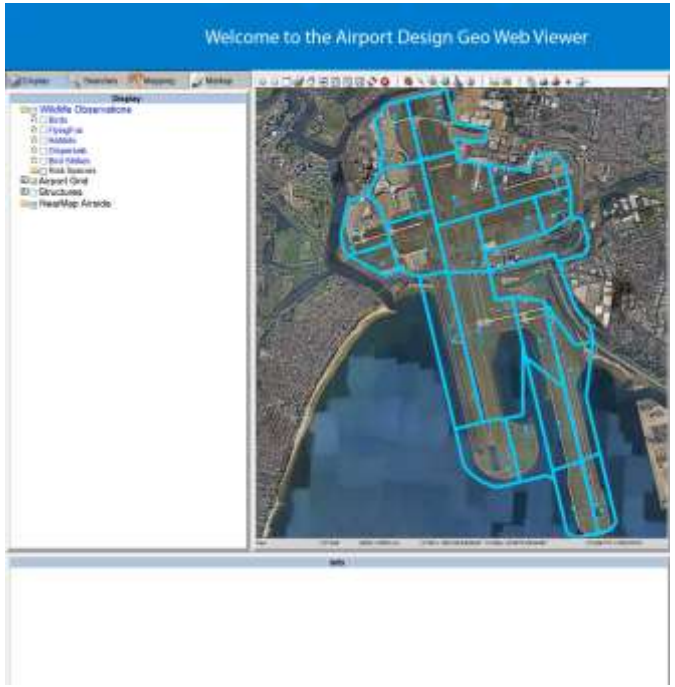
# Information Mobility

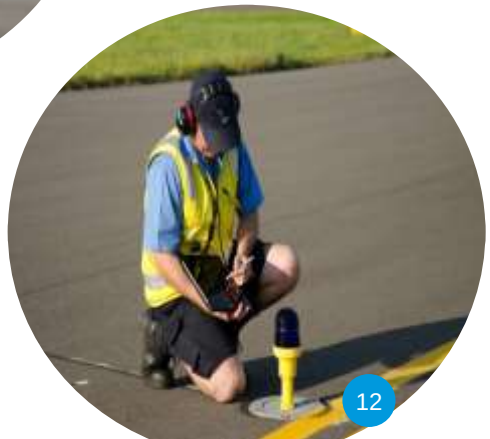
## Improving efficiencies and meaningful reporting



# Information Mobility

## Making Maps Available Everywhere





# Benefits of implementing GIS

**Creating a platform to share data in a meaningful way.**

# Increased Efficiencies and ROI

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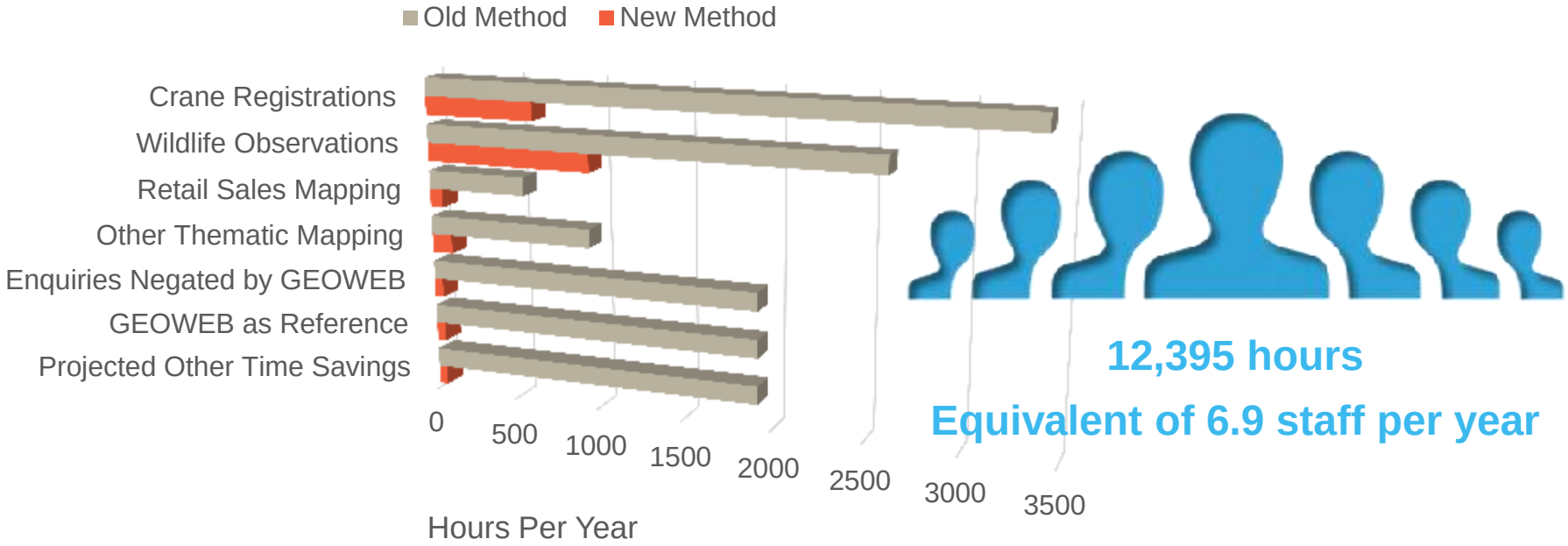
**Reduction in hours per year. Old Method vs New Method.**



# So what next?

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## Improving the way in which we represent and share data

# Thank you
# for your attention