THIESS SPATIAL

A BLUEPRINT FOR CONSTRUCTION
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WHO ARE THIESS?

WHAT IS THIESS SPATIAL?

BLUEVIEW

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- ESTABLISHED IN 1933
- ONE OF THE LARGEST CONSTRUCTION, MINING AND SERVICES PROVIDERS IN AUSTRALIA, SE ASIA & THE NEAR PACIFIC
- CURRENTLY HAS $15 BILLION WORK IN HAND
- NOTABLE HIGHLIGHTS:
  - SNOWY HYDRO SCHEME
  - FIRST TO BRING TOYOTA TO OZ
  - EASTLINK
  - AIRPORT LINK

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- EVERY ASPECT OF THIESS’ WORK IS RELATED TO GEOGRAPHY & IS THEREFORE SPATIAL
- SURVEY & TECHNOLOGY APPLICATIONS PROVIDE:
  - TENDER & PROJECT SETUP & SUPPORT
  - SURVEY/GPS
  - GIS/MAPPING
  - CAD/BIM
  - MACHINE GUIDANCE
  - LASER SCANNING
  - SOFTWARE DEVELOPMENT & TRAINING

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Monitoring Systems

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- CONSTRUCTION & INFRASTRUCTURE PROJECTS CONTAIN LARGE AMOUNTS OF INFORMATION FROM A VARIETY OF SOURCES:
  - PROJECT SCHEDULES
  - CAD DRAWINGS
  - AERIAL PHOTOGRAPHY
  - PROJECT DOCUMENTS

- GIS INTEGRATES AND INTERPRETS THIS INFORMATION

- DELIVERS MORE THAN JUST A VISUAL TOOL, BUT A VALUABLE TOOL FOR ANALYSIS

- ALLOWS FOR A DEEPER UNDERSTANDING OF CONSTRUCTION PROJECT

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- Project lifecycle involves many aspects of problem solving.
- Geo-intelligence is a natural problem solving tool.
- GIS can support all phases of a project lifecycle.
- Can host myriad of location-based and textual data produced by large projects.
- Maximise ROI to project by using GIS at every stage.

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- VIEWING PLATFORMS
  - ARCGIS SERVER
  - FLEX API

- SYSTEM INTEGRATION
  - ASSET MANAGEMENT
  - PROPERTY & STAKEHOLDER
  - ENVIRONMENT
  - DOCUMENT MANAGEMENT

- DATA TRANSFER TOOLS
  - CAD & SURVEY

- FIELD DATA COLLECTION
  - MOBILE, TABLET & PEN DEVICES

- POLICY, STANDARDS & SPECIFICATIONS

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AS A MINIMUM:

- STREAMLINES WIDE RANGE OF PROJECT ACTIVITIES:
  - FIELD DATA COLLECTION
  - ANALYSIS
  - DESIGN
  - PROJECT MANAGEMENT

- SIGNIFICANTLY INCREASES DATA ACCURACY

- PROJECT STAFF CAN EASILY SHARE AND ANALYSE DATA

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