

THIESS SPATIAL



A BLUEPRINT FOR CONSTRUCTION

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WHO ARE THIESS?



WHAT IS THIESS SPATIAL?



BLUEVIEW

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THIESS SPATIAL



- **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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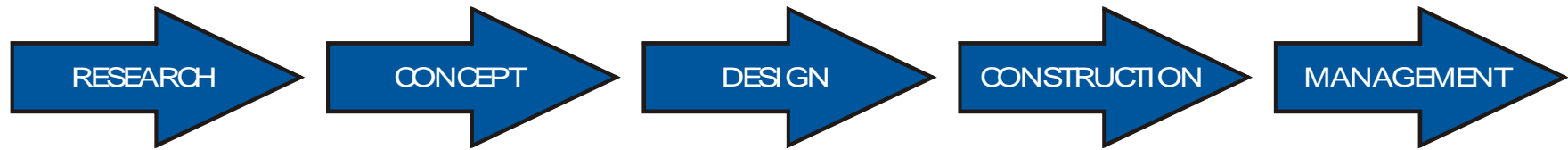
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- **CONSTRUCTION & INFRASTRUCTURE PROJECTS CONTAIN LARGE AMOUNTS OF INFORMATION FROM A VARIETY OF SOURCES:**
 - PROJECT SCHEDULES
 - CAD DRAWINGS
 - AERIAL PHOTOGRAPHY
 - PROJECT DOCUMENTS
- **GIS INTEGRATES AND INTERPRETS THIS INFORMATION**
- **DELIVERS 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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