THIESS SPATIAL

WHAT’S NEW
THIESS SPATIAL

WHAT’S NEW

WHO ARE THIESS?
WHAT IS THIESS SPATIAL?
BLUEVIEW
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

WHAT’S NEW
THIESS SPATIAL

- 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

WHAT’S NEW
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

WHAT’S NEW
THIESS SPATIAL

- PROJECT LIFECYCLE INVOLVES MANY ASPECTS OF PROBLEM SOLVING
- GEO-INTELLIGENCE IS A 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

WHAT’S NEW
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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

WHAT’S NEW
THIESS SPATIAL

FULL DESKTOP GIS

“LITE” DESKTOP GIS

MOBILE GIS

WEB BASED GIS
“BLUEVIEW”

WEB BASED LINKS
INCITE (DMS)
IVMS (VEHICLE TRACKING)
PDS LIVE (PROPERTY)
CMS (COMMUNITY MANAGEMENT)
ENVIRONMENTAL MONITORING

DATABASES
JDE (ACCOUNTS & ASSETS)
PRIMAVERA (PLANNING)

SPATIAL & NON-SPATIAL DATA

SPATIAL DATABASE

GIS SERVER

NETWORK

WHAT’S NEW
THIESS SPATIAL

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

WHAT’S NEW