



CYIENT

MANAGING DIVERSE DATA IN THE MINING INDUSTRY

How we work with our clients to help overcome challenges
for a better tomorrow

CELEBRATING
25
YEARS

Overview

We assist mining organizations optimize their data holdings by providing efficient spatial and non-spatial data management services to manage and organize their data. Our service offerings support the creation, management, analysis and delivery of the vast amount of data generated during the mining process.

Transforming Data for Mining

With over 20 years of experience gained in effectively managing structured and unstructured data, we ensure mining organizations improve their decision making through our effective data management services.

Mining organizations face unique challenges due to the ever growing volumes of data created throughout the entire operational life cycle of a mine. Complex operations can often lead to information silos which require effective management. Our data services are structured to support the data life cycle at all stages of mining operations. We ensure data is managed and optimized effectively to provide added value. We provide geological, spatial and non-spatial data management services, supported by tools and application development services, guaranteeing you the best from your data.

We leverage our extensive GIS data capabilities together with geological and exploration domain expertise to address various data requirements such as geological data management, exploration data cleansing, legacy data management and GIS migration along with our traditional photogrammetric and image processing services. We enable our clients to have updated and accurate digital records of all their map and exploration data. Some of the recent services provided to the mining industry include geo-rectification of scanned geological field slips and maps, capture of mine entrance data, data migration and legacy data management.

KEY HIGHLIGHTS

1.8Bn

drilling and sample records catalogued and classified

150Mn+

records migrated to ESRI platform

20Mn+

legacy records migrated into standardized structured format

800Mn+

geochemical records generated from legacy data

Expertise

- 4,100+ highly skilled data management specialists; strong GIS experience and exposure to image solutions, photogrammetry, GIS development, CAD conversion, data extraction, OCR cleansing, data verification and validation, and data transformation
- Relevant domain specialists – geologists and mining subject matter experts
- 20+ years of experience in CAD, geological drafting, image processing and handling all types of industry standard data formats
- A decade of experience in open source and portal developments



Why Cyient?

- Global leader in providing specialized technology solutions and data management services
- Domain expertise in data management and geospatial mapping
- Customized technical approach for each client, offering certainty of delivery, quality and consistency
- Comprehensive data and network security, providing secure engagements
- Technology and process innovation to achieve improved return on investments
- Experience in establishing secure centers of excellence with resource capacity from 50 to 1,000

Service Offerings

We provide comprehensive data management and software support across the mining life cycle, through industry focused service offerings.

Geoscientific Services

- Sectional and plan mapping
- Drill log digitization
- Assay data extraction
- Geological data modeling

Data Management Services

- Data cataloging
- Data extraction
- Data standardization
- Maintenance services

Geospatial Services

- Digital stereo mapping
- Topographic mapping
- Remote sensing
- GIS application development

About Cyient

Cyient is a global provider of engineering, manufacturing, data analytics, networks and operations solutions. We collaborate with our clients to achieve more and shape a better tomorrow.

With decades of experience, Cyient is well positioned to solve problems. Our solutions include product development and life cycle support, process and network engineering, and data transformation and analytics. We provide expertise in the aerospace, consumer, energy, medical, oil and gas, mining, heavy equipment, semiconductor, rail transportation, telecom and utilities industries.

Strong capabilities combined with a network of more than 13,500 associates across 38 global locations enable us to deliver measurable and substantial benefits to major organizations worldwide.

For more information about Cyient, visit our website.

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