



SiReNT

SINGAPORE SATELLITE POSITIONING REFERENCE NETWORK



ABOUT SiReNT

The objective of setting up SiReNT was to define and support Singapore's national spatial reference framework and to support the gazetted cadastral system in SVY21. SiReNT was developed as an infrastructure to support high accuracy GPS applications in areas as diverse as positioning, telematics and monitoring.

LEADING-EDGE TECHNOLOGY

The SiReNT infrastructure consists of advanced equipment providing round-the-clock Differential GPS correction data for users. Its data is streamed through the internet 24 hours a day, 7 days a week with a strong support team ensuring uninterrupted usage and high reliability.



GENERAL
ENQUIRIES

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SiRENT's island-wide coverage allows positioning activities to be carried out anywhere in Singapore

REAL-TIME SERVICES

Differential GPS (DGPS)

Sub-meter accuracy for:

- GIS Mapping
- Telematics
- Navigation

Real-Time Kinematic (RTK)

Centimetre accuracy for:

- Land Surveying
- Geotechnical & Structural Monitoring
- Construction Engineering

POST-PROCESS SERVICES

Post Processing (PP) On-Demand

- Control Survey
- Mapping
- Research & Trend Analysis

Post Processing (PP) Archive

Archive data for:

- Research & Trend Analysis

