



VIOTEL
SMARTER DATA

SMART TECHNOLOGY, MADE SMARTER

Viotel empowers transport infrastructure, built environment, energy and mining businesses to mitigate risks, identify opportunities and make better decisions using world-class monitoring and control technology.

Our technology measures everything from vibrations to water levels, temperature, displacement, tilt and load pressure via sensor devices, then analyses and transforms the comprehensive intelligence gathering into insights and predictions for decision makers.

Because our technology is compatible with most sensor systems, we offer seamless 'plug & play' options and also create bespoke solutions to solve specific business problems.

REAL-TIME DATA MONITORING

Our latency period is measured in seconds, compared to several minutes or hours for some other providers.

EDGE COMPUTING

Our technology runs off a secure local network, with edge computing for load analysis. Even when cellular networks are down it transmits data and triggers actions without interruption. Data is then sent to the cloud for accessing anywhere via a secure dashboard.

MONTHLY SUBSCRIPTION MODEL

Access deep data insights via our flexible payment model that significantly reduces upfront costs.



TRANSPORT

We expertly monitor critical transport infrastructure and have built our reputation on automated monitoring systems that measure the structural health of transport infrastructure assets in near real time.

Our technology can be deployed for a wide variety of transport applications, empowering decision makers to conduct root cause analysis, undertake predictive asset management, optimize workforce allocation and realize project management efficiencies.

APPLICATIONS:

- Remote monitoring of highway barriers for maintenance and compliance
- Construction
- Bridge monitoring
- Road pavement settlement
- Rail monitoring
- Ports & airports

BUILT ENVIRONMENT

Viotel provides decision makers with the insights to understand their building's structural integrity so they can predictively maintain it and proactively monitor environmental threats.

We leverage the Internet of Things - a network of devices that collects, sends and acts on data they acquire from buildings or structures - for comprehensive intelligence gathering and then analyse the data to ensure improved performance, safety and cost efficiency.

APPLICATIONS:

- Remote monitoring of assets
- Edge computing onsite for local alarms
- Worker and public safety
- Structural condition monitoring
- Earthquake monitoring

WHAT WE DO

Our mission is to empower businesses with better data for better decisions. At Viotel, we believe knowledge is power and understand the critical role data plays in managing risks, identifying opportunities and protecting business assets.

We gather data that's detailed, insightful and reliable, and analyze and organise it in a meaningful way that empowers better decision making. Collected data is sent to the cloud for deep analysis via Amazon Web Services (AWS). It is then presented in a customisable dashboard that allows users to access insights and predictions into the behavior of assets and structures at any time, from any location.

By continually investing in new technology and collecting and analyzing data in real time, our cutting-edge solutions empower businesses to identify cost savings, increase productivity, streamline maintenance, increase OHS, monitor assets from any location and respond faster to emergencies.

INDUSTRY SOLUTIONS

Viotel technology empowers Asset Managers, Operations Professionals, Engineers and Chief Information Officers to reduce costs, mitigate risks, increase productivity, improve workflows and monitor remote infrastructure and operations in near real time.

No matter what industry you are in, what sensor system you are using or what problem you want to solve, we work with you to design the system and get it running.

We also customise your dashboard, so data is displayed in a way that makes perfect sense to your business. From there, you can access your data through our flexible monthly subscription service, which significantly reduces upfront fees.



ENERGY

We provide leading solutions for protecting and maintaining critical energy infrastructure.

The Internet of Things (IoT) enables asset-heavy industries to benefit from intelligent monitoring of assets distributed over a wide geographic area. By leveraging the IoT for our sensor networks and combining intelligence gathering with our analytical capabilities, we provide energy businesses with the insights they need to identify cost savings, maximise asset utilisation and effectively maintain and protect energy assets and infrastructure.

APPLICATIONS:

- Flood and earthquake monitoring
- Emergency response
- Equipment monitoring
- Dam monitoring
- Critical structures

MINING

Viotel technology provides mining operators with data insights that enables them to anticipate needs, predict change, manage workforces and diminish risks.

Through the provision of sensor monitoring & data analysis, we provide a big picture view of assets that empowers miners to optimise operational performance, minimise OHS risks, unscheduled maintenance and downtime.

APPLICATIONS:

- Asset monitoring
- Monitoring of tailing dams
- Environmental monitoring
- Pipelines
- Conveyors
- Critical structures
- Groundwater monitoring
- Crack monitoring



**WE BELIEVE
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CRITICAL ROLE
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MANAGING RISKS,
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AND PROTECTING
BUSINESS ASSETS**

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