

MOBILE ASSETS

KEEP YOUR DRILLING TEAMS ONLINE—ALWAYS

Bringing mobile assets online increases productivity and efficiency

Redline delivers a powerful private network with instant, always-on high-speed, high-capacity wireless to:

- Drilling rigs
- Completions
- Work overs
- Construction teams and
- Maintenance vehicles

...wherever they are in the operation

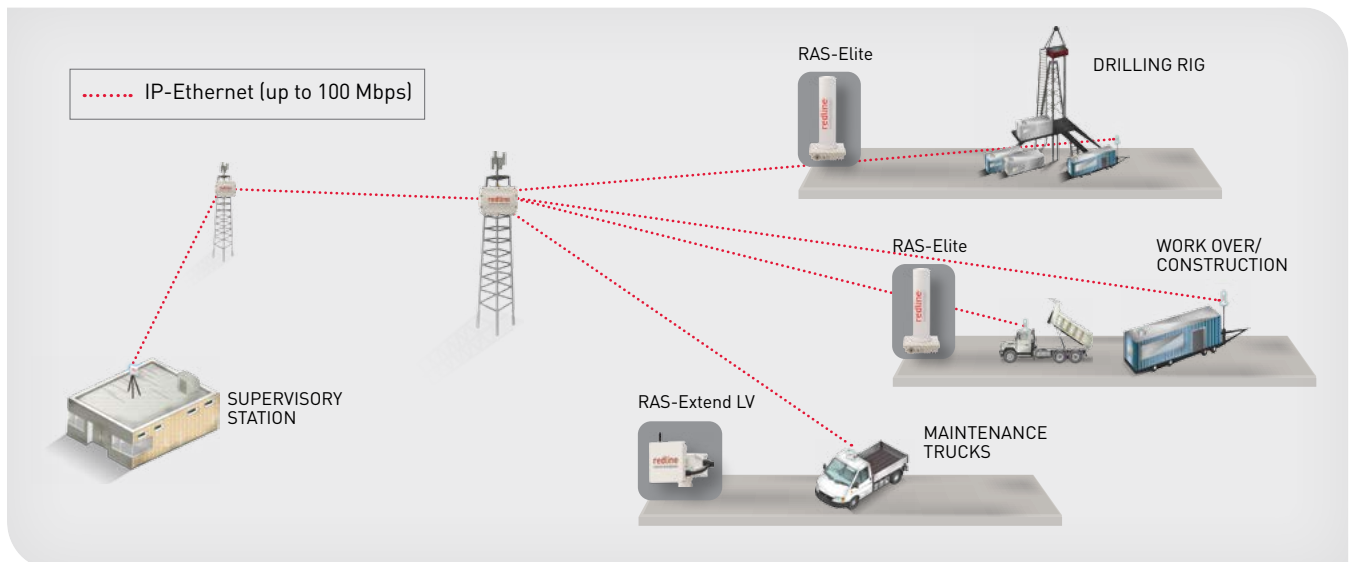
Redline RAS auto-acquiring terminals provide high-speed reliable coverage over large distances:

- Wire-speed connectivity (up to 100 Mbps throughput and sub 10 milliseconds latency) enables real-time performance for sub-surface modeling, video, voice, Wi-Fi, and access to the corporate network
- Mobile, nomadic and fixed options connect everyone and everything—anywhere
- Rugged RAS Nomadic terminals installed on rigs, trailers, vehicles, etc., connect to the network automatically



- Redline's industry-leading reliability keeps your network operating for the long term, in temperatures as cold as -40°C / -40°F and as hot as 75°C / 167°F

A Redline RAS-based wireless network brings instant-on, high-speed connectivity to mobile assets.



POWERFUL. VERSATILE. RELIABLE.

redline[®]
communications

COMPARED TO SATELLITE, REDLINE OFFERS:

- ❑ Higher speeds
- ❑ Lower latency
- ❑ Faster setup
- ❑ No special skills needed
- ❑ No monthly service fees
- ❑ Unlimited data
- ❑ A dedicated network

A REDLINE NETWORK DELIVERS:

- ❑ Faster drilling times
- ❑ Multiple applications simultaneously
- ❑ Real time performance
- ❑ Best practices networking
- ❑ Cost effective communications anywhere
- ❑ More up time

RAS AUTO-ACQUIRING TERMINAL MEANS:

- ❑ HSE-friendly, low risk deployment
- ❑ Automatic install and provisioning
- ❑ Automatic connectivity on power-up
- ❑ No waiting for telecoms engineer
- ❑ Small footprint for installation anywhere
- ❑ Mobile and fixed use
- ❑ Simultaneous voice, data, and video
- ❑ No recurring costs



RAS-Elite



RAS-Extend LV

OUR CUSTOMERS SAY IT BEST...



Redline RAS mounted on a Company Man office at drilling rig in Eagle Ford, Texas



“The network for company man, safety trailer and doghouse comes on automatically after rig move—just apply power. Nomadic connectivity anywhere allows us to leverage the communications network in new ways. There is much greater bandwidth than satellite gave us. This enables enhanced commercial and in-house applications as well as BYOD—mobile devices supported anywhere.”

David Barker | Sr. IT Business Specialist | **Marathon Oil**



Redline RAS at a drilling site at PDO, a Shell Oil joint venture in Oman



“Following the installation of the RAS Nomadic Platform on our rigs, drilling time went from 39 days to 14 days, letting us bring wells online quicker and reducing the per-well cost by \$5 million. The solution has also increased collaboration allowing for better safety and improved work flow.”

Saeed Al Shidhani | Head of IT Projects | **Petroleum Development Oman**

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