

Managed Services

Scalable Network Management, Core-to-Edge

You're Good at What You Do - And So Are We

Your focus should be on production, not your network.

For two and a half decades, 3D-P's team of network professionals and engineers have been designing, deploying, and supporting high-performing, high ROI wireless networks, in some of the harshest production environments in the world.

Letting our customers focus on being good at what they do, is what we do best.

Managed Services - What We Provide

3D-P's Managed Services provide full or collaborative management of your wireless production networks.

Our mission is threefold:

1. Reduce our customers' operational downtime related to preventable and predictable problems or inefficiencies within their production networks.
2. Simplify the resourcing and staffing requirements needed for customers to manage and support a high-performing production network.
3. Provide world-class network management services at a price point that is within reach of all environments, in a way that is highly scalable.

3D-P will manage your wireless environment as if we were your very own in-house wireless network professionals - we take all the frustration and worry of managing your wireless network, while your mine benefits from reduced costs, 24/7 monitoring and support and increased productivity.

Dedicated, Proactive Network Management & Monitoring

On engagement, our team of network experts will work with you to learn which devices are most crucial for your operations - from core, key infrastructure that is critical to the performance of the network, to endpoints at the edge that provide valuable data about the true performance of your network.

Once the critical equipment is identified, our team will develop a priority operations plan and begin to monitor key performance and health indicators for each managed device.

If a fault or event is noted, or pivotal thresholds are approached, our technicians will proactively begin troubleshooting and reach out to the team at site to develop a resolution plan prior to performance impairment.

Benefits of the 3D-P's Managed Services:

- ✓ Ability to resolve issues before they impact performance
- ✓ Reduced failures and associated cost
- ✓ Improved timeliness of Support operations
- ✓ Take all the frustration and worry of managing your wireless network

Fast Support & Management, From Within Your Network

3D-P can efficiently monitor and support your network through the installation of our Service and Support Platform (SSP). This is our network management server, and it is provided at no cost to the client. It allows us to securely manage and monitor the performance of your wireless network, from inside your own environment.

This allows us to significantly reduce the time to act in the event of a fault or failure, and gives our technicians an efficient toolset to use in supporting your network.

The SSP can be installed as a small no-cost, low-resource virtual machine installed within your existing infrastructure.

Knowledge Where It Matters - At the Edge

While most monitoring is done from the core, the edge is what matters - the edge is where your production occurs, and is where the most insight into your network's actual performance is gained.

3D-P's monitoring allows us to collect data that most others can't, from the edge of the network. Our collectors are deployed within your network, and performance data is gathered from the machines, equipment, and areas where work is being done.

This allows us to help your team make informed decisions, based on the data that matters most.

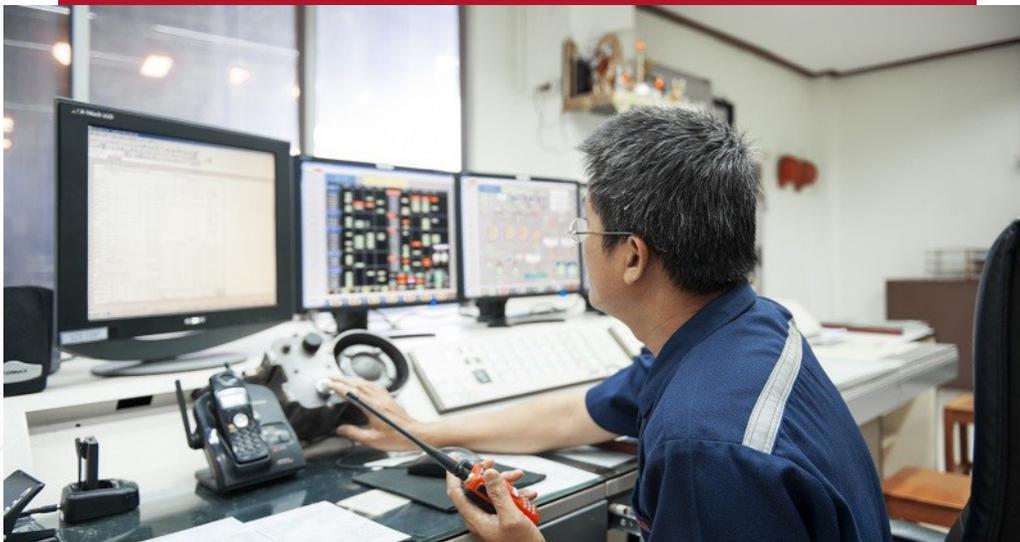
Superior Insight into Network Performance with NPAT

With the addition of an Intelligent Endpoint®, our Managed Services platform allows in-depth and detailed analysis and reporting on the performance and reliability of your wireless network, and part of that platform is a product called NPAT - 3D-P's Network Performance and Analysis Toolkit.

NPAT is a technology that allows us to take real data about the actual RF environment of your network, collected from devices using that network, and create on-demand visualizations of the true performance of your wireless networks.

NPAT differs from other site survey and mapping tools because it shows an actual picture of the RF environment as your equipment sees it - not as collected from a laptop in a truck.

These visualizations make it easy to identify areas of concern or interest, to plan for expansion or production growth, and for our network experts to advise on how you can get the most out of your network.



Flexible, Scalable Per-Node Pricing, Management & Support

3D-P's Managed Services provides the ability to flexibly expand your level of network support and management, without the high risk and cost associated with adding additional network management personnel.

Our Managed Services are offered at a rate priced per-node - which means that as your network grows or changes there's no guessing about how your network management, and its costs, need to scale alongside.

Customers utilizing our Managed Services in networks that are growing, markets that fluctuate, or customers beginning to digitize will realize an especially high ROI by using the easy scalability of the service to manage changing or shifting resource requirements.

For more information, or for rapid pricing, contact [3D-P Sales](mailto:sales@3d-p.com) (sales@3d-p.com), or your Technical Solutions Advisor.



**Priced per visualization,
NPAT visualizations can be
provided on a one-off basis**

To learn more, call 3D-P at **+ 1.403.203.3018**

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