



TOTALNMS

One smart system for scalable networks



BENEFITS

- Task-based user interface
- Agile network configuration
- Effective service assurance
- Advanced mobility services
- Flexible wholesale business models
- Facilitated process automation
- Always-on service availability



One smart system for scalable networks



Task-based user interface



Agile network configuration



Effective service assurance



Advanced mobility services



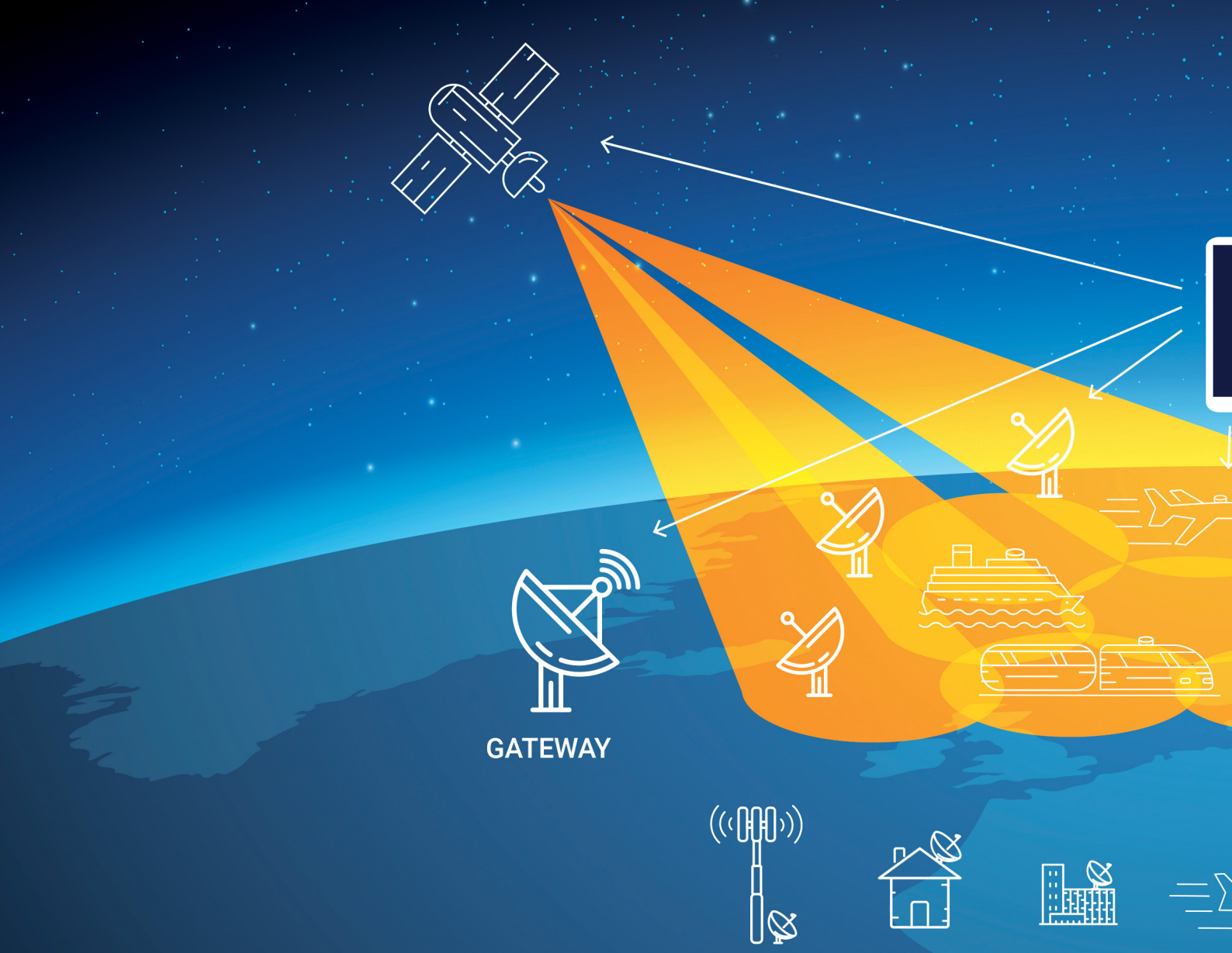
Flexible wholesale business models



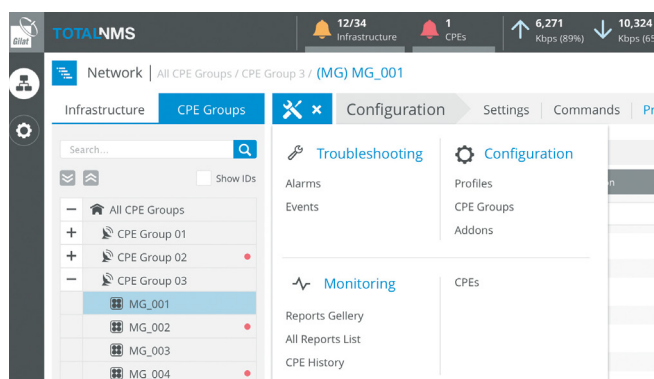
Facilitated process automation



Always-on service availability



TASK-BASED USER INTERFACE



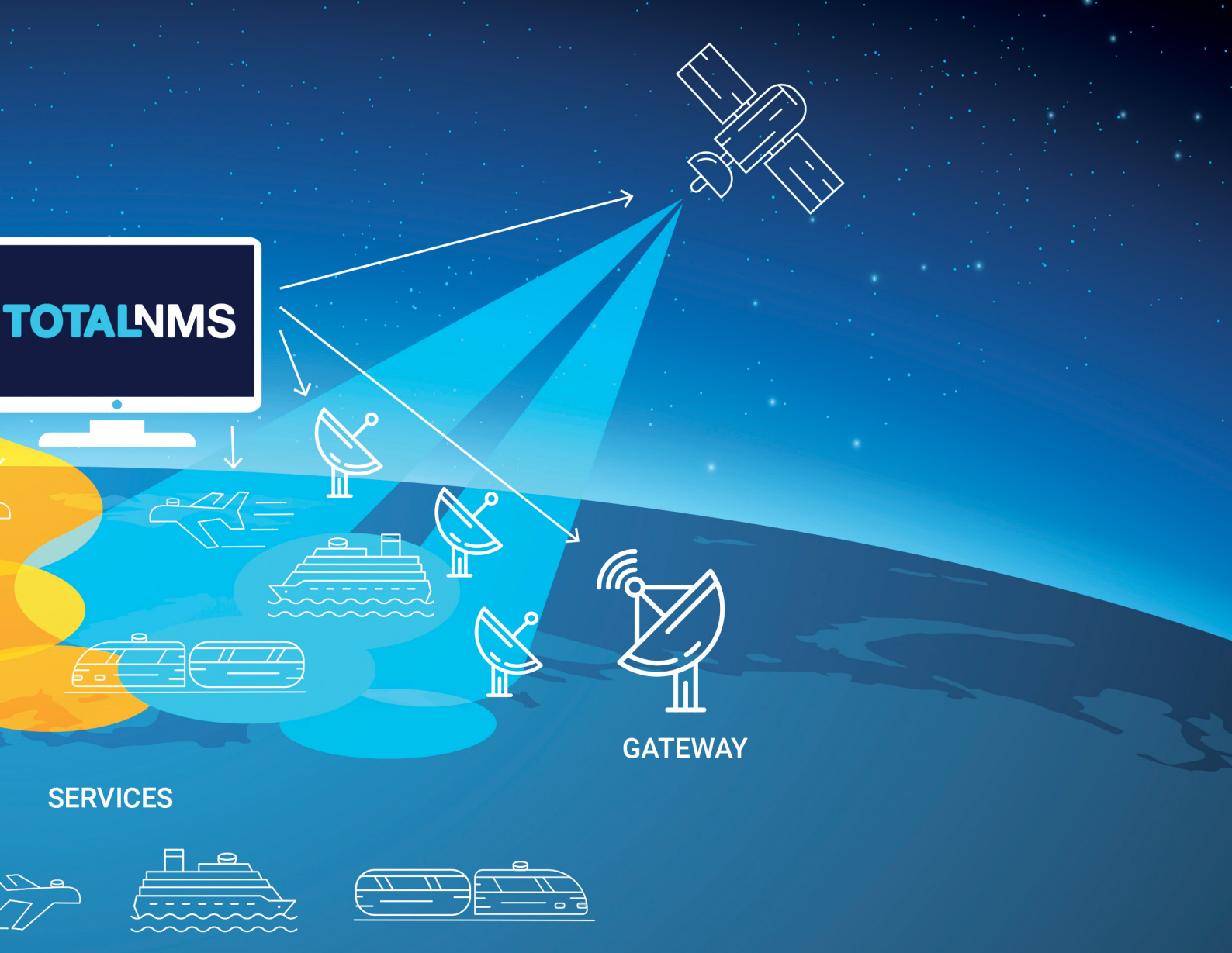
To manage networks effectively, today's operations team members have highly specialized roles and tasks. We designed TotalNMS to address REAL operator needs to improve their productivity. First, we divided the interface into two major domains – **Network Infrastructure** and **Customer Equipment** – to match your team member's area of expertise. Second, we divided each domain into the three most common operator activities – **Troubleshooting, Configuration and Monitoring** – so that daily workflows can be easily completed in a fraction of the time.

AGILE NETWORK CONFIGURATION

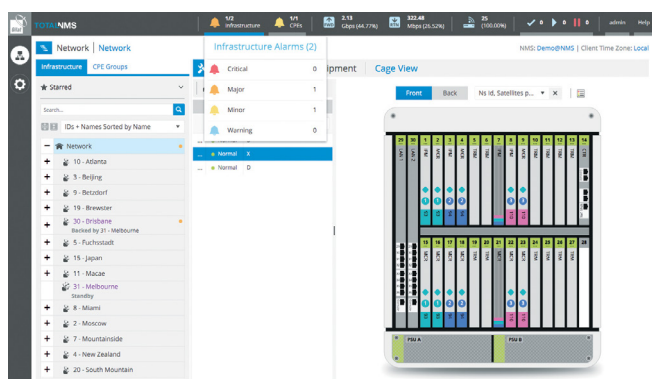


With TotalNMS' service-oriented approach, the network is configured by entering the satellite service characteristics rather than configuring each sub-system individually. This process dramatically simplifies network setup and modification.

TotalNMS simplifies service provisioning by using configurable profiles for Broadband Internet, Enterprise, Mobility and Backhauling services. Each service is configured once and then assigned to customer equipment. This approach lets operators be especially agile and responsive to meet customer demands.



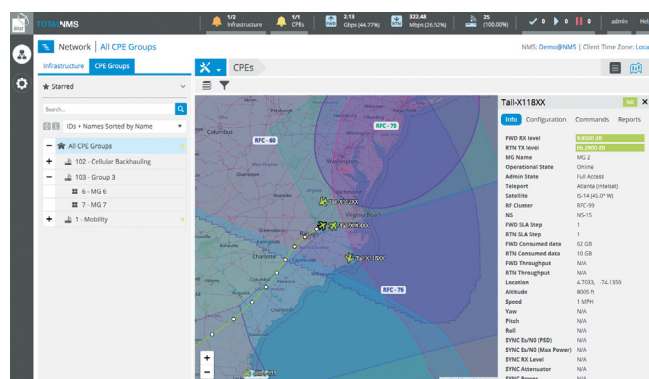
EFFECTIVE SERVICE ASSURANCE



Once the service is up and running, it must be monitored. Our dashboard keeps operators up to date, allowing them to respond quickly to any issue. When a failure occurs, an alarm indicates the source of the problem with a quick link to the relevant data.

Real-time and historical performance monitoring deliver deep visibility into network utilization statistics and service KPIs – optimizing resource usage and keeping customers satisfied with an entire range of SLAs.

ADVANCED MOBILITY SERVICES



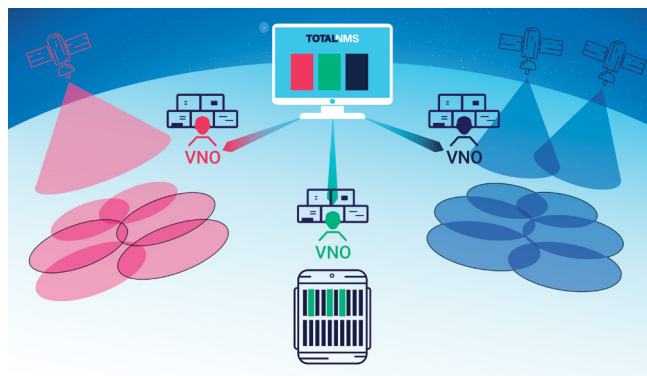
With TotalNMS maps, the geographically-based behavior of mobility services are easily defined and modified. Parameters include VNO service boundaries, areas where transmission is not allowed and the right place to switch between overlapping beams.

These layers together with the terminal's most relevant information are overlaid right on the map. The ability to track a mobility terminal's status throughout the changing conditions of its route enables operators to optimize its service quality at all times.

FLEXIBLE WHOLESALE BUSINESS MODELS

TotalNMS provides a carrier-grade wholesale service portfolio that flexibly accommodates various VNO needs.

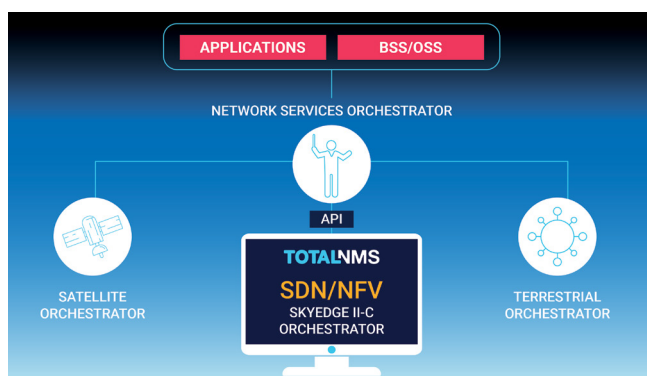
Some may want their wholesale bandwidth specifically defined per beam, while others may prefer one global bandwidth pool flexibly utilized over multiple satellites and beams. And some may even wish to run and manage their own dedicated hub hardware. With TotalNMS, operators can easily create and monitor all these services, letting their VNOs manage their network as they see fit.



FACILITATED PROCESS AUTOMATION

TotalNMS facilitates the automation of service provisioning, service assurance and billing processes

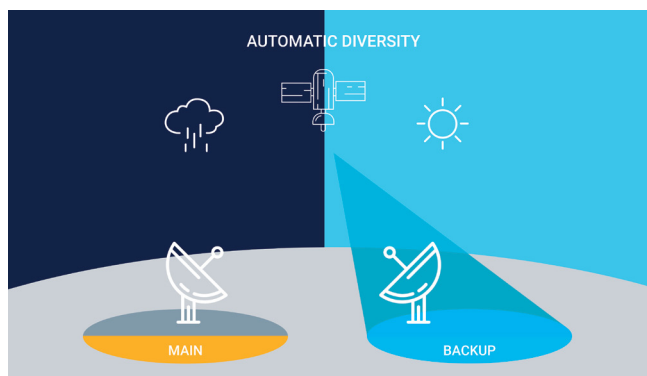
By leveraging SDN and NFV technologies, Gilat's SkyEdge II-c and TotalNMS provide for a fully-orchestrated programmable network. This intelligent network enables operators to dynamically provision network capacity on demand, automatically support network diversity and efficiently manage mobility satellite bandwidth. With this solution in hand, network operators are now ready to face the higher levels of flexibility and agility required by advanced next-generation applications and services.



ALWAYS-ON SERVICE AVAILABILITY

In addition to the built-in redundancy of SkyEdge II-c and TotalNMS, the multi-site distributed architecture supports the optional deployment of a secondary gateway, datacenter or NOC to achieve higher levels of availability.

With fast and reliable switchover to geographically diverse locations, all services and operations are protected from extreme weather conditions or natural disasters at the primary location. This modular architecture enables operators to choose different levels of availability based on service priority and budget.



SUMMARY

TotalNMS gives network operators all the tools and information they need for easier and more effective management of their networks – no matter how large or complex.



Simplify
Operations



Reduce
Costs



Improve
Customer Experience