Value Bytes

Affordable, unified wireless backhaul

Only with IP-20 multicore technology

The challenge

Your wireless backhaul network is usually heterogeneous. Different segments of the network – small cells backhaul, macrocell backhaul, aggregation, metro and longhaul - are often equipped with different equipment, sometimes from different vendors. Examples include having a 3rd-party vendor supply the longhaul or E-band portion of the network, or an all-outdoor product based on different technology, which take a completely different network design, implementation and management approach.
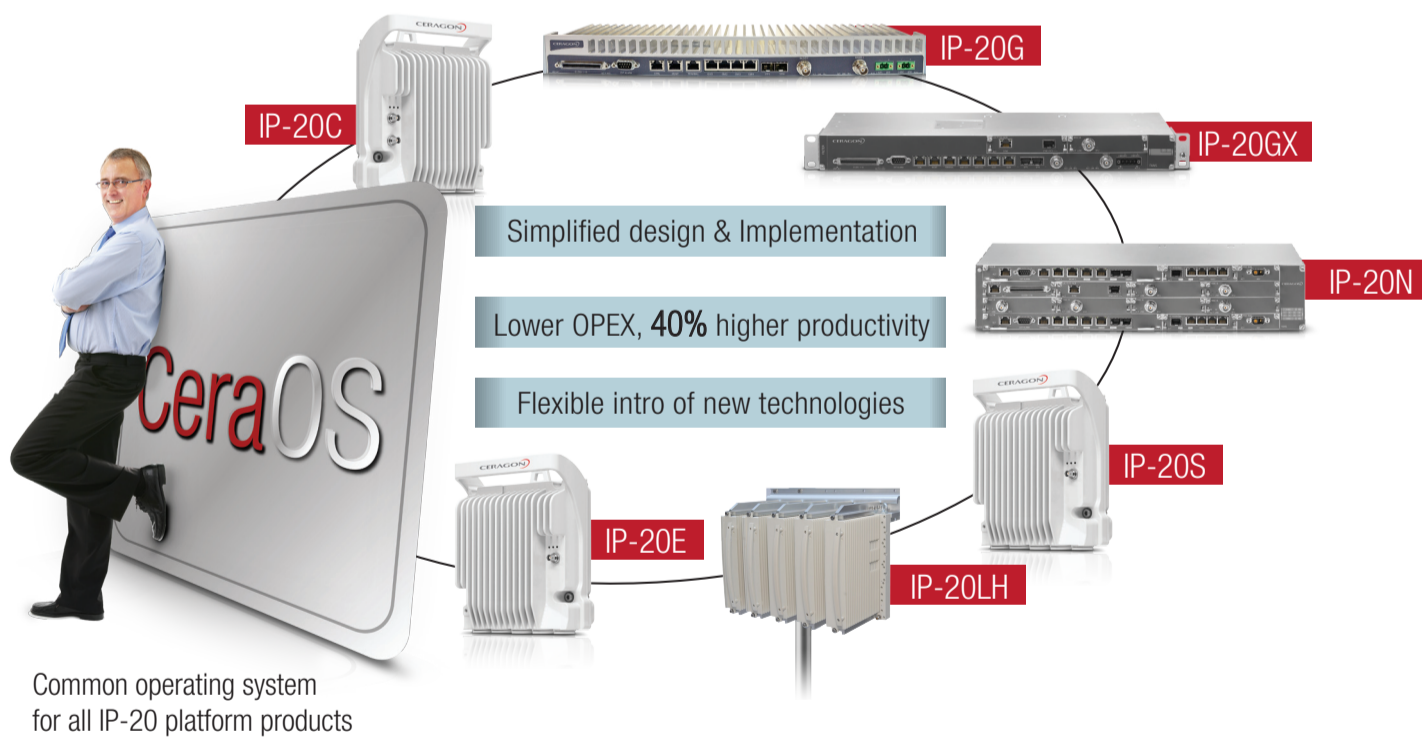
Such fragmented support for all network segments imposes a significant burden on your staff's productivity. Your technical staff must possess a broad skill-set to handle all these variables. Your operational staff must undergo training for each new solution and product introduced to the wireless backhaul network segments, requiring significant investment in time and money, which could have been spent more productively.

Think of the negative impact on your operational efficiency.

The IP-20 platform: one OS; streamlined productivity

Ceragon's IP-20 platform is your solution for meeting all your wireless backhaul needs: access, aggregation, backbone and even small cells. It provides the unified CeraOS operating system for all platform products, enabling you to quickly and easily deploy wireless backhaul links and networks throughout your entire network infrastructure: for any type of network (access, aggregation, backbone, small cells), at any frequency (6-86GHz), for every type of site (all-outdoor, split-mount, all-indoor) and any transport network architecture (L2, L3, and in the future – SDN). This unified-OS, same-skill environment lets you take the approach of "know one, know them all," eliminating the need to separately and extensively train on each product. Moreover, you can streamline network management and maintenance as well as network engineering tasks, such as network-wide radio configuration, IP networking planning and performance monitoring, for greater cost effectiveness.

With the IP-20 platform's CeraOS, your staff can focus on quickly ramping up network infrastructure and achieve more for your business benefits, as well as save on all your operational costs.

IP-20C · IP-20G · IP-20GX · IP-20N · IP-20S · IP-20E · IP-20LH

Simplified design & Implementation

Lower OPEX, **40%** higher productivity

Flexible intro of new technologies

Common operating system for all IP-20 platform products

Why Ceragon?

• All IP-20 products support the same functionality, simplifying and accelerating network design and implementation
• Lower OPEX: staff use the same skill-sets for all deployment, maintenance and management needs
• Greater flexibility in introducing new network technologies (e.g., 4.5G, 5G, C-RAN or distributed macro cells)
• Increase productivity in your backhaul network by 30%-40%

Ceragon, the only wireless backhaul specialist providing a unified platform