

THE FUTURE OF 5G OPPORTUNITIES & CHALLENGES ALIKE

5G provides an incredible opportunity for organizations to enhance the speed, performance, and scalability of their networks, enabling entirely new modes of conducting operations and commerce.

THE BENEFITS OF 5G

The increase in remote workers over the past ten years is one of the biggest workplace shifts in modern history.

5G has the flexibility and capacity to support enormous numbers of static and mobile devices, which each can have a very diverse performance requirement profile. As IoT and Industrial IoT evolve, 5G will become in many cases the solution of choice for Enterprises.

5G also has the ability to replace expensive and inflexible wired connections in a secure and cost effective way. For example, the low latency provided by 5G will allow enterprises to enhance their manufacturing process by increasing the use of automated robotics or other mobile tools.



5G has the capacity to support a massive remote workforce.

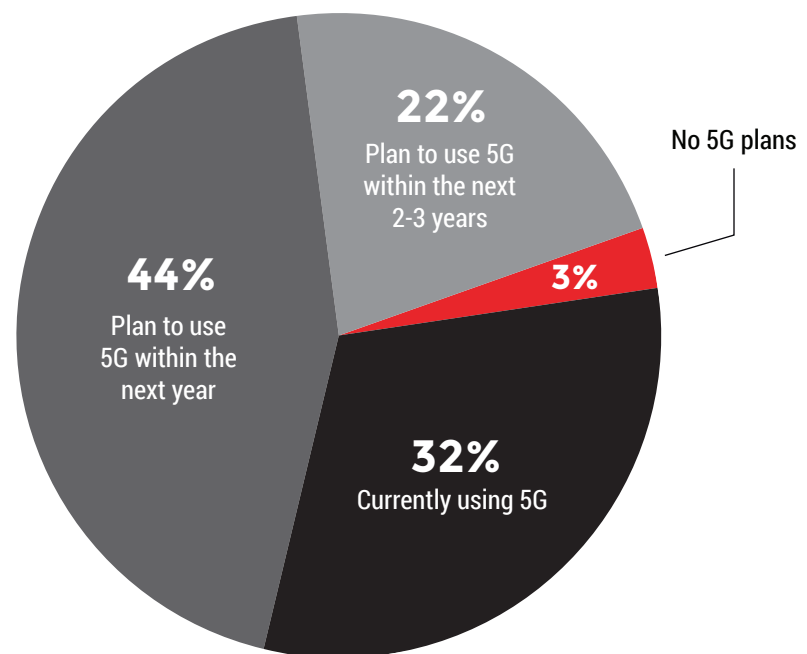
THE REQUIREMENTS OF 5G

The increase in remote workers over the past ten years is one of the biggest workplace shifts in modern history.

Network Providers have been busy deploying and activating 5G networks infrastructure while still keeping up with the ever increasing growth of existing networks. There has been little time for understanding how to ensure that the 5G network can achieve excellent customer experience.

5G networks must not only deliver extreme speeds, they must also dramatically increase network reliability, end user experience and ensure the performance of devices and applications for enterprises and smart cities.

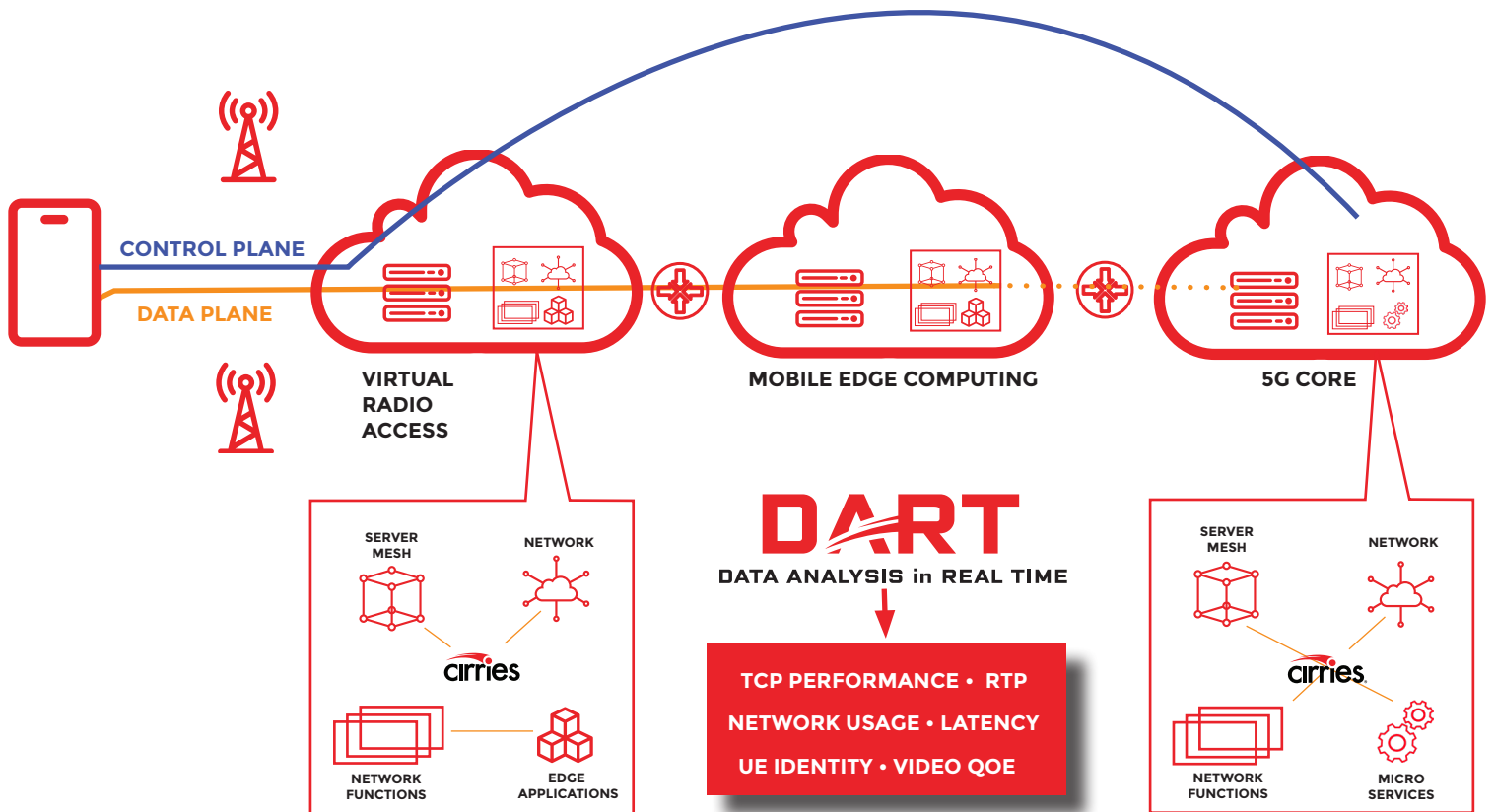
To achieve this, network operators must establish and maintain complete visibility of their network to quickly identify anomalies, network latency, application latency, re-transmissions out of order packets and congested flows; all of which affects the end user experience or the performance of critical applications in enterprises.



According to a recent study by Deloitte, over 95% of enterprises are already planning to adopt 5G technology.

GAINING 5G VISIBILITY WITH CIRRIES

Organizations must deploy a monitoring infrastructure that matches and even exceeds the 5G network speed and capabilities in order to ensure consistent quality of experience for end users.



WITH CIRRIES 5G NETWORK MONITORING SOLUTION, NETWORK OPERATORS WILL HAVE:

- Complete visibility into the V-RAN, the MEC and the Core with artificial intelligence to correlate the data through all three network planes and ensure network excellence
- A software only solution reducing the cost of ownership by 40 to 60% over hardware-based solutions
- Monitor of all N/S, E/W traffic, each Network Slice and Microservice
- Reports on Network latency and Application response
- Top Users, Top Applications at a glance by traffic, latency/response or MOS score
- Establish a network behavior pattern and continuously compare it to the ongoing traffic to discover abnormal behavior
- Automatic investigation of network anomalies and recommend a fix
- Application and Microservices analysis, with underlying cause and repair recommendation thereby significantly reducing MTTR
- Complete visibility into the behavior of Microservices, Applications and Network, all correlated to ensure the targeted QoE and QoS for users/devices and associated applications is met

ARE YOU READY TO ACHIEVE **NETWORK EXCELLENCE?**

CONTACT US TODAY.

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