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Special Story

A Whole New Metaverse

Exploring avatars, converged realities and a trillion-dollar opportunity

The metaverse is a 3D virtual space where individuals use avatars to seamlessly interact with other users in mixed virtual and physical environments. The use cases for the metaverse promise to be countless as such an environment develops and stabilises. Many digital giants are currently developing tools, hardware and infrastructure to exploit this immersive environment. The key to realising this trillion-dollar opportunity, however, is the creation of suitable telecom infrastructure.



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Technologies such as AI, IoT, block-chain, ML and cloud computing are increasingly being used to enhance productivity and ensure better service delivery for IT/TeS and BPM enterprises. However, rapid digitalisation has also exposed players to several data security issues. As such, there is a growing need for enterprises to focus on cybersecurity and deploy relevant technology solutions to safeguard their networks.



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There has been a rising uptake of cloud-native and virtualised 4G/5G networks based on open RAN. While these two technologies will enable telcos to compete more effectively in the 5G era, the lack of interoperability poses problems. Mainstream adoption of disaggregated networks will, therefore, only be feasible when the operational benefits and flexibility of O-RAN outweigh the hardware, power and system integration costs while delivering the same network performance level.

a magazine on the converging telecom industry



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FORM IV

Publisher Alok Brara
Printer Alok Brara
Owner India Infrastructure Publishing Pvt. Ltd.
Editor Alok Brara
Printing Thomson Press
Press B-315, Okhla Ind. Area, Phase I, New Delhi -110020
Place of Publication B-17, Qutab Institutional Area New Delhi -110016