



EMERGING TECHNOLOGIES TRAINING

Next Generation Connectivity for Enterprise

3 day course

Classroom, online or in-house

Course overview

Connectivity decisions now sit alongside power as a constraint on where an operation can be run and what it can do there, and the options have multiplied to include private cellular networks and satellite constellations that did not exist commercially a few years ago. This course covers choosing between them. Delegates work through the technologies available including fibre, fixed wireless, cellular generations, private networks and low earth orbit satellite, and the characteristics that matter: capacity, latency, coverage, reliability and cost. Private cellular for industrial sites is covered in detail. Redundancy and failover design follow. Spectrum, licensing and regulatory constraints are addressed. The course closes on procurement and on holding a provider to a service level.

What you will learn

- Compare fibre, fixed wireless, cellular, private network and satellite options
- Assess capacity, latency, coverage, reliability and cost for a site
- Evaluate private cellular for an industrial or campus site
- Design redundancy and failover across providers
- Navigate spectrum, licensing and regulatory constraints
- Procure connectivity and negotiate a service level
- Hold a provider to the service level agreed

Who should attend

- IT and network managers
- Operational technology staff at remote sites
- Facilities and infrastructure planners
- Procurement staff buying connectivity
- Engineers designing site infrastructure

Course outline

- 01 Connectivity as a siting constraint
- 02 Fibre and fixed wireless
- 03 Cellular generations and capability
- 04 Private cellular for industrial sites
- 05 Low earth orbit satellite
- 06 Redundancy and failover design
- 07 Spectrum, licensing and regulation
- 08 Procurement and service level enforcement

Upcoming dates

Dates	Venue	Format	Fee per delegate
11 to 13 November 2026	Dar es Salaam, Tanzania	Classroom	USD 995
9 to 11 December 2026	Online	Online	R6,500
20 to 22 January 2027	Durban, South Africa	Classroom	R14,950
17 to 19 February 2027	Accra, Ghana	Classroom	USD 995



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriscience.co.za, or WhatsApp us on **+27 63 479 1136**.

AfriScience Group | +27 61 536 6531 | info@afriscience.co.za | Pretoria, Gauteng, South Africa