

Spectrum and Connectivity: Powering the UAE's Digital Future

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Before the Digital Transformation



Long Queues



Bureaucracy



Paperwork



Travel Time



Heavy Traffic

Today: Smart Connected UAE

Smart Services & E-Gov.



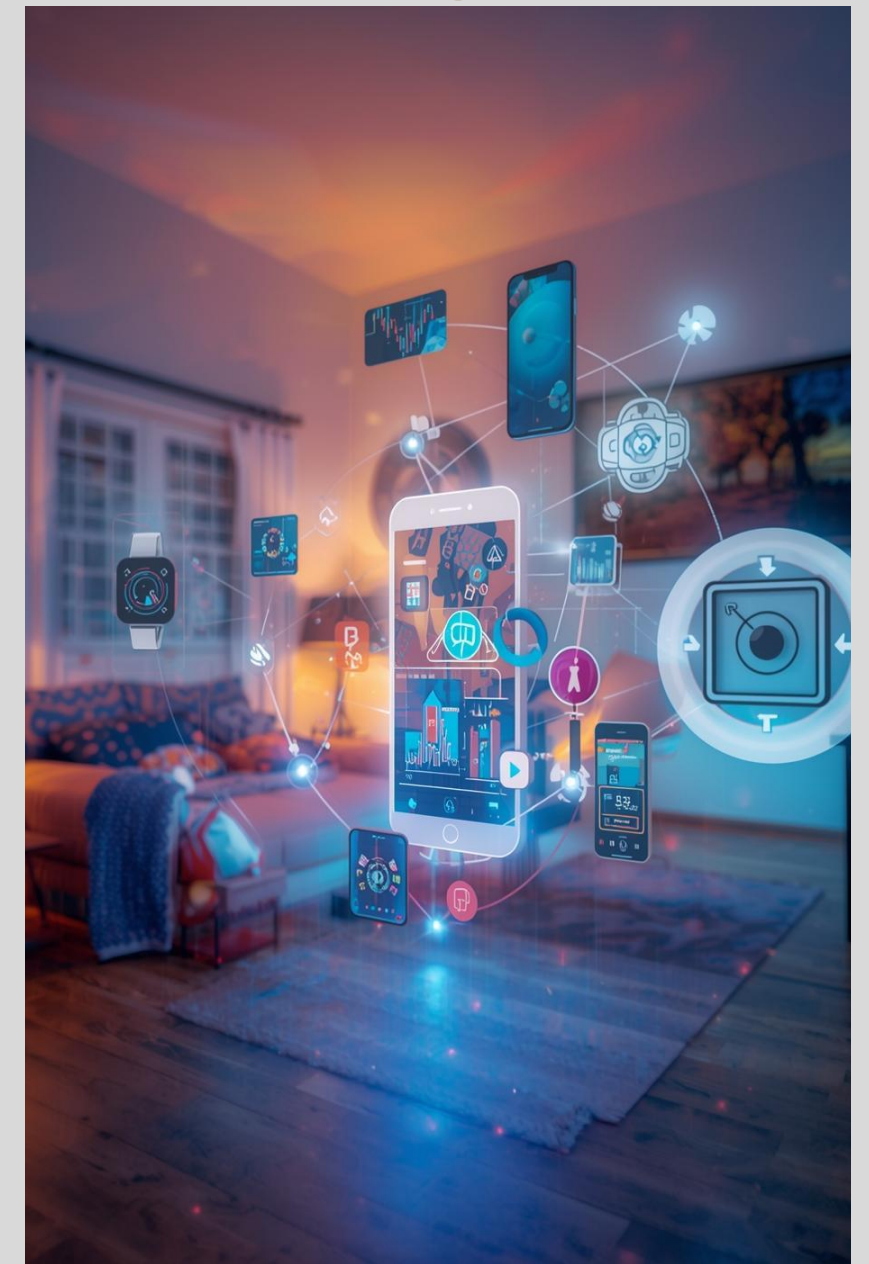
Enhanced Mobility



Driving Innovation



IoT Integration



UAE 5G Network update

23,731

Number of 5G Sites

99%

Population Coverage

10,209,225

Number of active 5G
subscribers

10 ms

Latency

9.1 Gbps

Throughput

UAE 6G Foresight

UAE 6G Committee

6G R&D

1. Advance 6G innovation and adoption
2. Foster partnerships across academia, industry, and start-ups
3. Drive 6G applications through focused working groups

6G Strategic Integration & Partnerships

6G-SIP

1. Lead global 6G collaborations and standard alignment
2. Engage industry to identify 6G opportunities and needs
3. Drive 6G trials and pilot projects with stakeholders
4. Establish frameworks for innovation and deployment
5. Oversee major 6G projects to ensure effective delivery

IMD World Digital Competitiveness Ranking 2025

1st – Arab Region and GCC

UAE rises from 11 to 9 globally

1st

- Digital skills Development
- Internet retailing
- Immigration laws
- Wireless Broadband

2nd

- Foreign highly skilled personnel Education
- Regulatory framework
- IT integration

3rd

- Capital
- Management of cities
- Enforcing contracts
- Women with degrees
- AI private investment



Telecommunication Infrastructure



Internet speeds of 10 Gbps



Speed of Mobile Internet



Mobile Broadband Internet Index

TDRA

هيئة تنظيم الاتصالات والحكومة الرقمية
TELECOMMUNICATIONS AND DIGITAL
GOVERNMENT REGULATORY AUTHORITY



Thank you