**5G Use Case Prioritization Matrix**

**Purpose:**

Rank and prioritize 5G use cases based on business value, technical readiness, and market demand in the operator's footprint.

**Use Case Matrix**

| **Use Case** | **Business Value** | **Technical Feasibility** | **Market Readiness** | **Priority** |
| --- | --- | --- | --- | --- |
| **eMBB** (Enhanced Mobile Broadband) | Very High | High | Already Deployed | ✅ Priority 1 |
| **URLLC** (Ultra-Reliable Low Latency Comms) | High (e.g., for smart factories, healthcare) | Medium | Low | ❌ Future Ready |
| **mMTC** (Massive Machine Type Comms) | Medium (IoT sensors, smart metering) | High | Medium | ✅ Priority 2 |
| Fixed Wireless Access (FWA) | High (Rural & underserved areas) | Medium | High | ✅ Priority 3 |
| Private 5G Networks | High (for enterprise clients) | Medium | Medium | ✅ Pilot-ready |
| Mobile Gaming & XR | Medium | Medium | High (youth, gaming sectors) | ✅ Niche-focused |
| Smart Cities | Very High (gov’t partnerships) | Low | Low | ❌ Long-Term |
| Vehicle-to-Everything (V2X) | High (future transport systems) | Low | Low | ❌ Watchlist |

**Prioritization Criteria**

* **Business Value**: Revenue potential, strategic fit, differentiation.
* **Technical Feasibility**: RAN/core readiness, latency thresholds, device support.
* **Market Readiness**: Customer adoption, regulation, device ecosystem.

**Next Steps:**

* Launch eMBB & mMTC optimization programs immediately.
* Set up URLLC and V2X pilots with selected partners (Q4 2025).
* Align network slicing policy with use case categories.