# Handover Test Systems

WaveNxt handover systems are meticulously crafted to meet diverse customer requirements, integrating precise attenuators, splitter/combiner units, RF switch systems, and more. Traditional approaches typically involve multiple test instruments, extensive racks, or separate devices to cover a broad range of test cases. However, WaveNxt handover systems streamline these setups by offering versatile configurations that simplify the testing process. Our compact solutions support an extensive range of test scenarios, delivering a powerful combination of flexibility and precision, all in a space-efficient design.

## Below are the key features,

- **Extended Frequency Range**: Operates across a broad spectrum from 200 MHz to 8 GHz, ensuring versatility for a wide array of testing applications.
- **24/7 Operation**: Engineered for continuous use, supporting fully automated testing workflows to maximize efficiency and reliability in mission-critical environments.
- **Shielded and Precise**: Complete shielding ensures highly accurate and interference-free measurements, ideal for precision testing in demanding RF environments.
- **Customizable Topologies**: Tailored to customer specifications, supporting multiple network topologies for enhanced flexibility and optimized test setups.
- **512 Attenuation Paths**: Capable of managing up to 512 unique signal paths, providing unparalleled control over complex testing scenarios.
- **High Dynamic Range**: Offers up to 90 dB of attenuation with fine-grain control, adjustable in 0.25 dB increments, delivering exceptional precision for signal fading and attenuation simulations.
- **Tailored User Interface**: Custom-designed software interfaces align with specific customer needs, providing an intuitive and efficient control experience for streamlined operations.

## Below are the standard models,

| Model | Configuration | Inputs | Outputs | Attenuation paths |
|-------|---------------|--------|---------|-------------------|
| MT8-8x8 | 8x8 | 8 | 8 | 64 |
| MT8-16x8 | 16x8 | 16 | 8 | 64 |
| MT8-24x8 | 24x8 | 24 | 8 | 192 |
| MT8-32x8 | 32x8 | 32 | 8 | 256 |
| MT8-64x8 | 64x8 | 64 | 8 | 512 |
| MT8-64x16 | 64x16 | 64 | 16 | 512 |
| MT8-16x16 | 16x16 | 16 | | 256 |

# Below is the Block-Diagram of 8x8 Hand-over System