



CFIP Marathon II

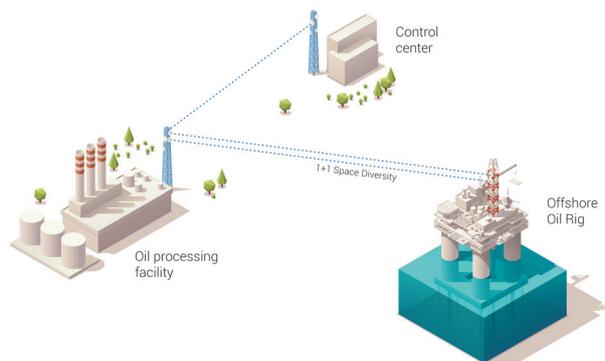
PRODUCT APPLICATIONS



CFIP Marathon II, the most modern low frequency microwave radio for industrial applications which operates in 300MHz and 1.4GHz bands, is definitely a niche product. There are many industries where advisable use of it is more or less standards based. The most popular applications of CFIP Marathon II are listed below.

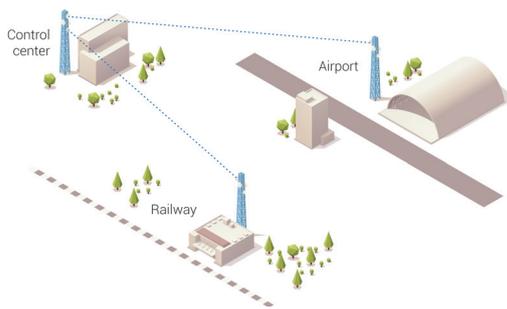
Oil & gas

As the world's demand for oil & gas keeps growing, so does the need for reliable and cost-effective communication between off-shore platforms, moving vessels and terrestrial locations. CFIP Marathon II radio is perfect solution for oil & gas companies to build highly reliable 1+1 (Space Diversity, FD,



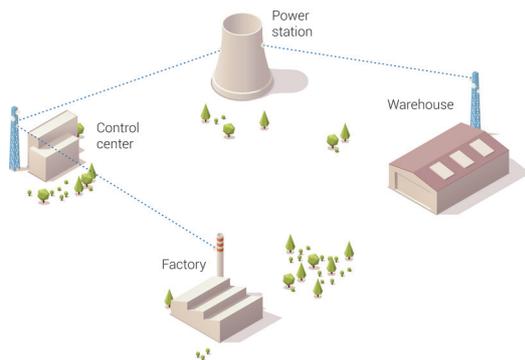
HSB) protection mechanisms over water or desert to control and monitor their mission-critical applications.

Transport



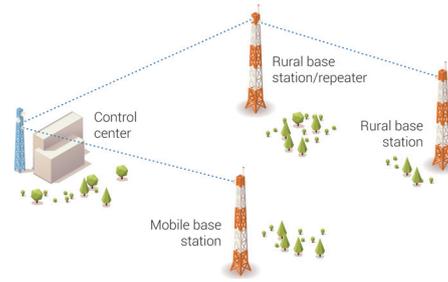
For road, rail and air operators it is substantially necessary to use a safe and reliable voice and data communications equipment. With wide areas to cover, often over long distances and with challenging terrains, a robust, well performing, and cost-effective solution is essential to cope with the transport industry's complex communications challenges. CFIP Marathon II high system gain and 1.4 GHz frequency band allows building long distance links - up to 100km and more.

Utilities



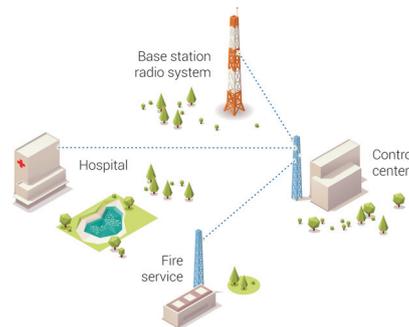
Robust and reliable infrastructure is essential for mission-critical communications between control centers and utility assets: compromising on safety or efficiency is not an option for today's electric, gas and water companies. Utilities very often need many links connected in chain what is supported by SAF Products, e.g. CFIP Marathon II with low latency networks. Moreover, there's Marathon II Serial version designed especially for utility customers, who are still using legacy networking equipment, industrial machines and expensive measuring instruments, which rely on this type of interface.

Rural telecoms



More than 2.5 billion people that form over 40% of the planet's population, live in rural and remote areas of developing countries. Telecommunication companies all around the world meet the challenge today to improve the position of rural areas in regards to advanced communications services and technologies. CFIP Marathon II offers data transmission in areas of difficult terrain and adverse weather conditions over long distances up to 100 km and more, providing capacity up to 43Mbps. For remote areas without LOS Marathon II 300 – 400 MHz version is highly advisable, due to the low frequency propagation advantages.

Public safety



Fire, police and ambulance services need quick and easily establishing mission-critical communications network equipment. Whether to interconnect mobile radio stations or to establish a private network with central command and control locations, CFIP Marathon II with advanced Ethernet features allows building secure and self-healing network topologies, it serves as ideal backbone for the most popular public safety communication networks as DMR and TETRA. The whole Marathon II features as traffic interface types, available bandwidth and capacity ranges are supporting this.

