

**State-of-the-Art of Weather Radar Technology illustrated by the Selex Product Portfolio**

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A brief overview over the state-of-the-art of weather radar technology will be provided. Aspects of Doppler and polarimetric operation will be addressed. Technical data will be given for small and mobile X-Band weather radars as well as for long-range fixed installation S- and C-Band systems based on the product portfolio of Selex Sistemi Integrati GmbH.