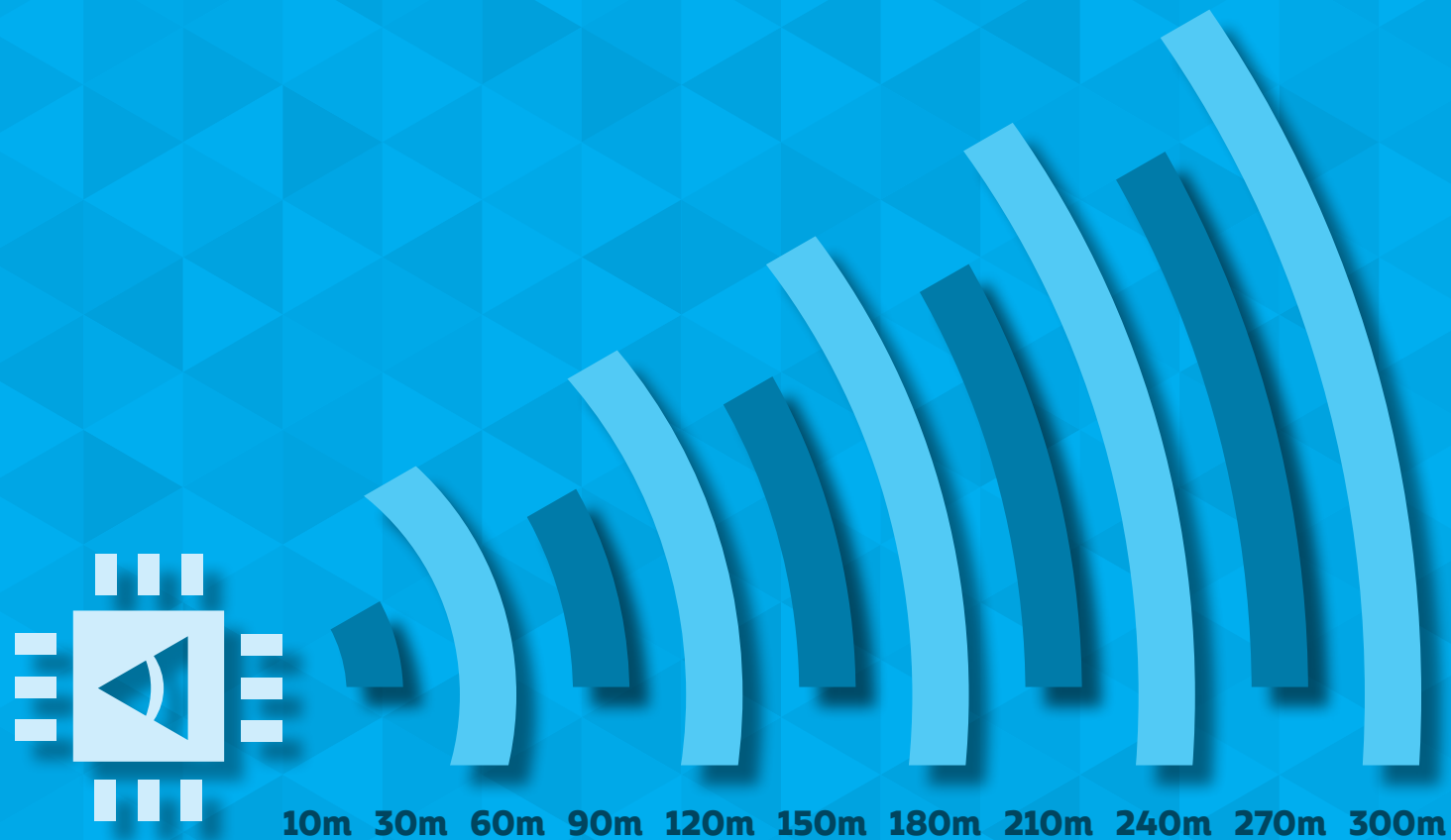


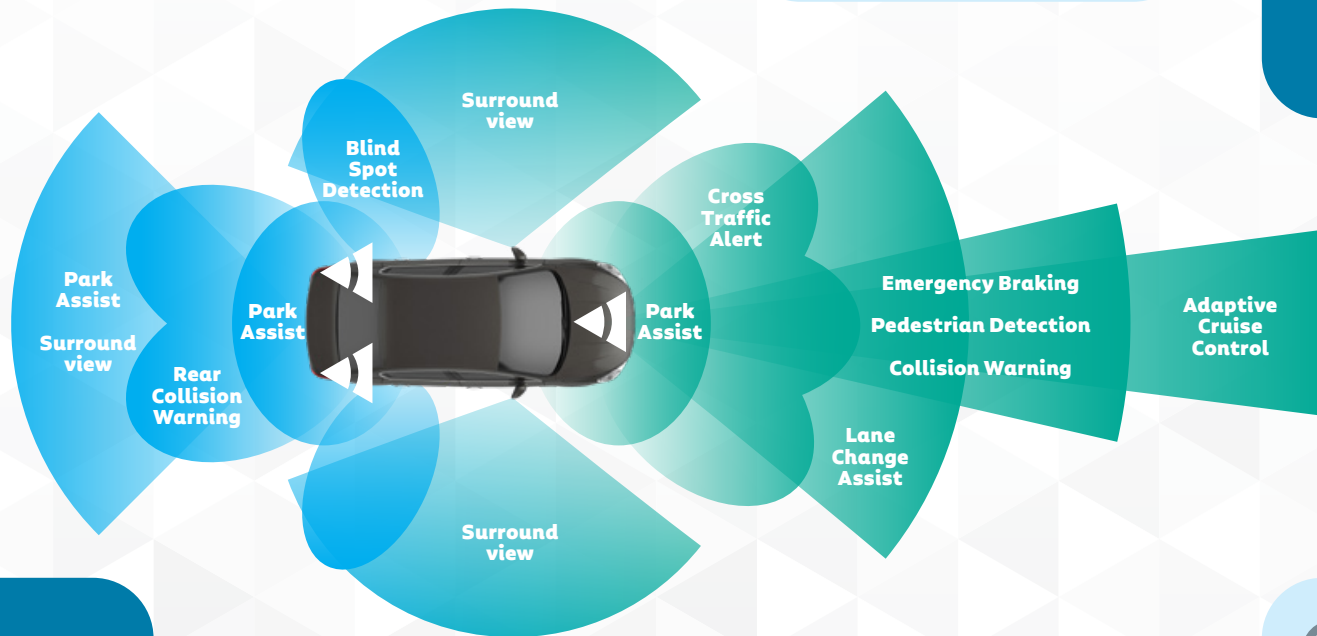
Our ADAS solution: One system. A great deal in range.



XRR: 0-300m with a single chip

Vayyar delivers unparalleled multi-range functionality on a single-chip platform.

The XRR platform enables detection and tracking of multiple targets, supporting all of the following applications, simultaneously:



Wide azimuth-elevation field of view

Zero Minimum Distance, no dead zones and height obstacle perception.



Robust, performance-optimized solution

Just two to four XRR chips can replace over 10 standard ADAS sensors.



Vayyar's ADAS solution yields substantial cost savings

while awarding automakers with up to 33 EU NCAP safety points for 2023 protocols.



Fully tested, automotive-grade reference design
AEC-Q100 qualified and ASIL-B compliant.



Unprecedented resolution

Large MIMO array with more than 40 antennae, providing high-resolution 4D point cloud imaging.



76-81GHz platform with simultaneous SRR-MRR-LRR functionality

The world's first 0-300m 4D imaging radar on a single chip. No external processors needed.

Multilayered data - ready for the road

Our sensors offer versatile data output options tailored to different ADAS/AV architectures.



Sensor as a function
Smart object clustering and tracking enabled by powerful digital processing-on-chip, dramatically reducing ECU costs



Rich 4D point cloud raw data streaming
For native AV sensor fusion and centralized computing systems.



Sub-degree resolution
For applications that require the most granular data.



The platform also offers OEMs and Tier Ones the flexibility to scale to future applications with OTA software upgrades for rapid, continued innovation.



Find out more...

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