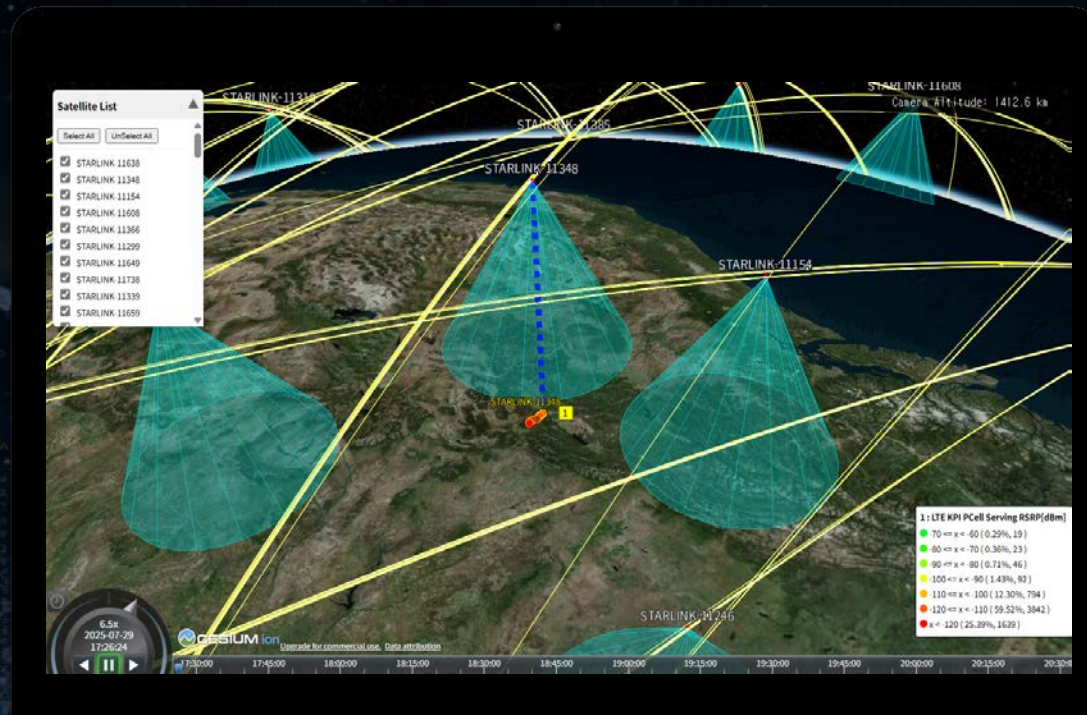


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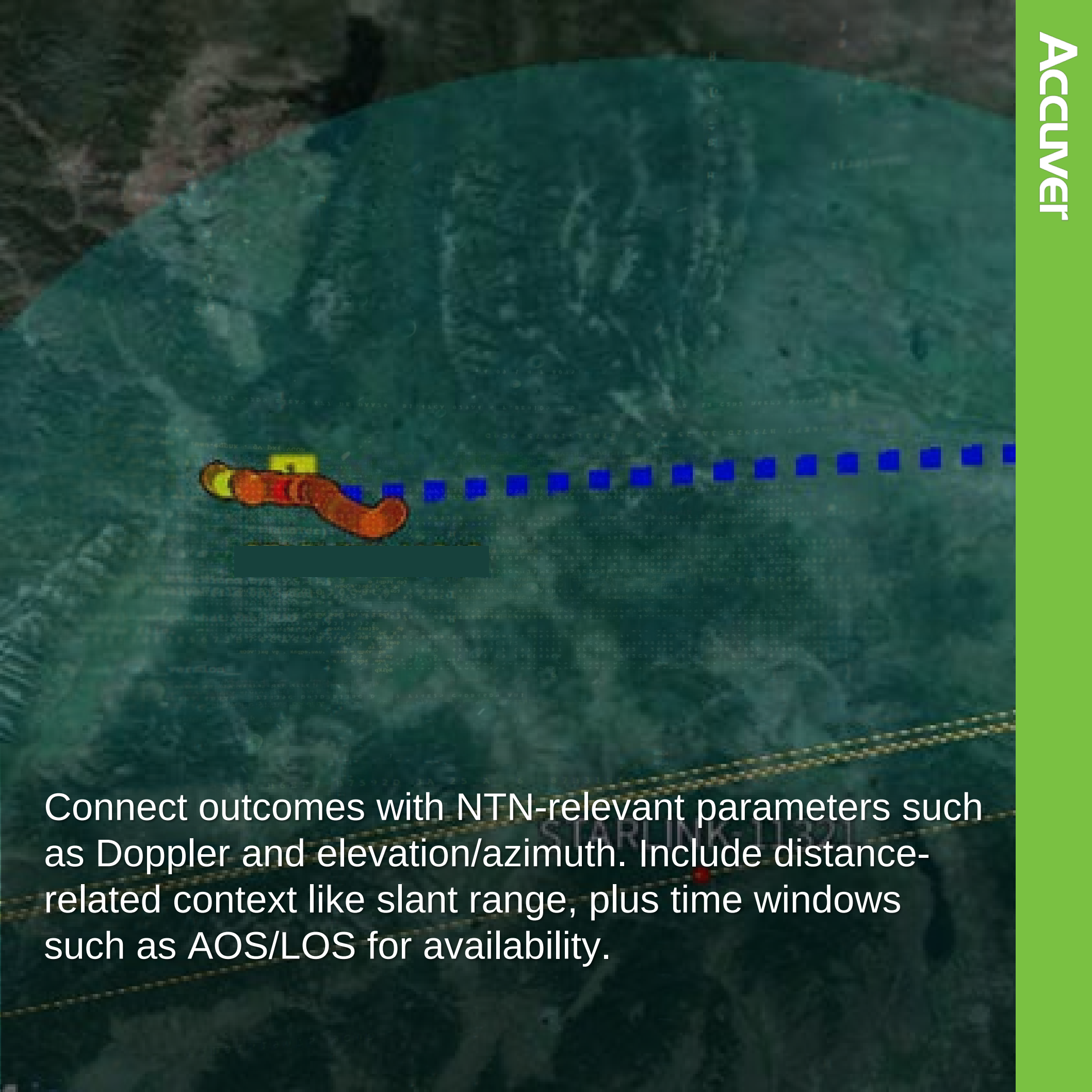


3D NTN Visualization XCAP

NTN optimization demands a different approach from terrestrial networks. XCAP's new feature visualizes NTN measurement results on a 3D map with satellite context—so you can optimize based on what's happening above, not just what's logged below.



Import TLE-based orbital information and visualize satellite motion. At the same time, confirm the serving satellite line at the moment the KPIs were recorded.

A satellite map of a coastal region, likely the Gulf of Mexico, showing a coastline with a red dashed line and a yellow/orange shape. The red dashed line runs horizontally across the middle of the image, starting from a yellow/orange shape on the left and extending to the right. The yellow/orange shape is irregular and elongated, resembling a landmass or a specific geographic feature. The background is a satellite image of the ocean and coastline. The text is overlaid on the bottom left of the image.

Connect outcomes with NTN-relevant parameters such as Doppler and elevation/azimuth. Include distance-related context like slant range, plus time windows such as AOS/LOS for availability.

A satellite with two large solar panel arrays is shown in orbit above the Earth. The satellite's body is gold-colored and features a parabolic dish antenna. A semi-transparent digital data overlay, consisting of various colored text and symbols, is positioned behind the satellite. The Earth's surface shows a mix of blue oceans, white clouds, and brown landmasses. The background is the deep black of space, dotted with stars.

Map-based visualization aligns with charts and event timelines for quick cross-checking. Save and reuse analysis viewpoints to keep reviews consistent across engineers and teams.

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For more information

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