

PRODUCT SHEET

Per Vices Corporation
 High Performance Software Defined Radio Products
 for Global Navigation Satellite Systems

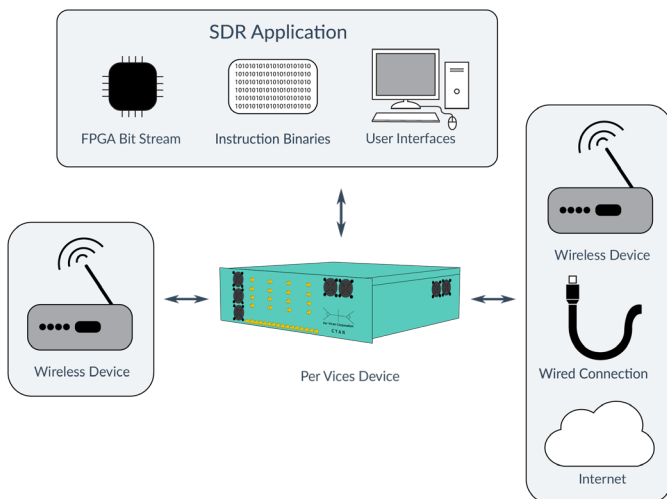
OVERVIEW

Make managing your existing radio applications a breeze with our software defined radios (SDR). Unlike conventional radios, which employ RF circuits and digital signal processors that are hard wired and hard-coded for a single application, our SDRs serve as re-configurable platforms, allowing you to send and receive radio signals across a wide range of modulation technique and protocols. With the future in mind, having an SDR platform makes it easier to add new features and swap in new equipment into your existing infrastructure.

clearer signals. The sub-mm resolution capabilities allow the user to either locate a target constellation themselves, or simulate them more accurately than ever before. With DSP/RF channels ranging from 8 (Crimson) to up to 16 (Cyan), our platforms can help you receive crucial details (like satellite information) from multiple GNSS constellations.



WHERE WE FIT IN YOUR APPLICATION



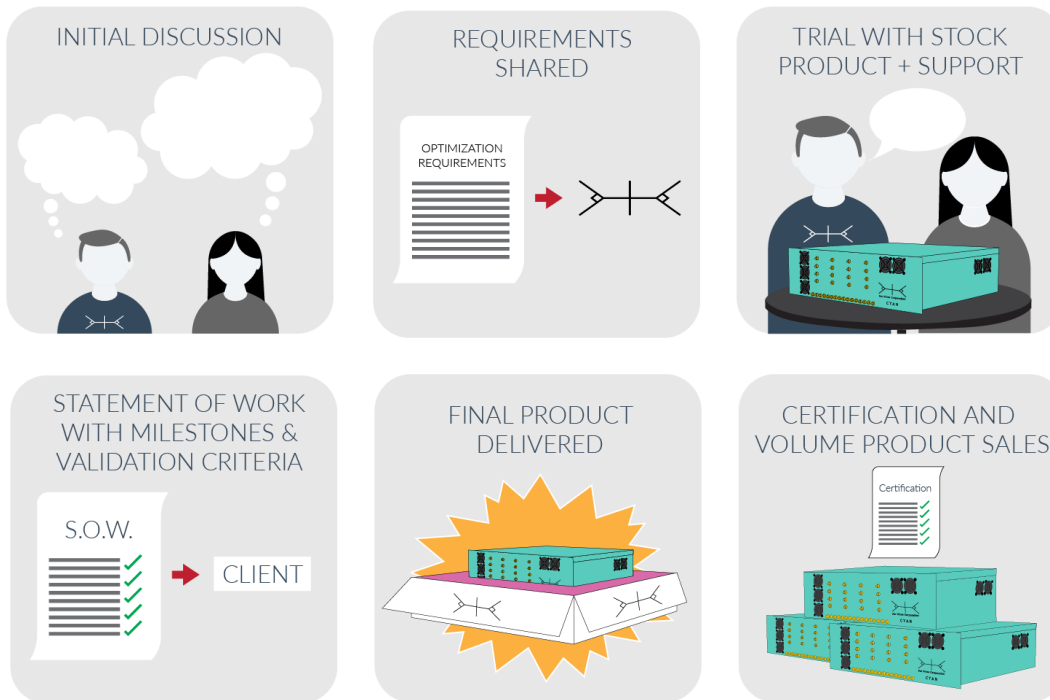
END CUSTOMER BENEFITS

Designed with GNSS in mind, Per Vices SDRs aim to improve what is currently possible when it comes to tracking constellations. Cyan and Crimson TNG support tracking for a wide range of radio frequencies, including but not limited to the bands used for: GALILEO, GPS, GLONASS, QZSS, BEIDOU (L1/L2/L5, G1/G2, B1/B2, E1/E5/E6). When operating radios in congested or contested environments, our interference rejection and RF interference protection techniques allow for easy filtering and channel rejection even when the channels are adjacent. Better yet, support for a larger quantity of signals is available without sacrificing on signal quality. The SDRs have low noise figures and minimum detectable signal, making it possible to track onto weaker signals.

KEY INTEGRATION VALUE

Top of the line SDRs are pushing the frontier of GNSS technology. Cyan's 20ns time accuracy provides a better sample rate conversion and phase noise detection, allowing you to capture

PER VICES COLLABORATIVE PROCESS



WHAT WE NEED FROM YOU

- RF parameters to be followed. We offer customization options such as low phase noise reference crystals. To ensure your technical requirements are met, we offer custom product tests to be carried out on each unit - in addition to standard tests - before delivery.
- What function we are responsible for. For example: all equipment specification and purchasing, site setups, only our radios, etc.
- Any additional relevant project details, e.g. project timelines, budget, and the interface requirements.
- Please share with us your operation frequency, bandwidth, number of channels, and any RF parameters that need to be considered. All of this information helps us make sure that we are providing you with the solution best matching your needs.

CONFIDENTIALITY

Per Vices takes the protection of our customer information very seriously. In our initial discussion, we will discuss your specific requirements, and begin the process of entering into a Non Disclosure Agreement.

WORKING TOGETHER

Please contact us at solutions@pervices.com to learn more about how we can help you. Following our initial discussion, our team will support you throughout the whole process, from a trial with a stock product, to developing out specific requirements for a statement of work, all the way to the volume integration and certification stage. Our engineers work with you each step of the way to ensure it's a smooth and easy integration of our product into your systems.