Stellar Cyber SaaS –
Open XDR Delivered Instantly, Scalably and Securely

With the security landscape increasing in complexity, Open XDR as a solution aims to reduce that complexity through a unified approach to Security Operations, and the Software-as-a-Service (SaaS) delivery model of Stellar Cyber's Open XDR Platform further reduces complexity so users can focus solely on Security Operations without worry of network infrastructure, data scale, maintenance, or application security. Stellar Cyber's SaaS offering is available around the globe, can be deployed to customers in under an hour, and offers the most economical way to adopt Open XDR.

Global Availability

Stellar Cyber's SaaS offering is available in any Oracle Cloud Infrastructure (OCI) available region. Regions are available in North America, South America, Europe, Asia and Africa. Deploying the platform in a local region ensures that data stays resident within a country or broader region. The full list of regions can be found here.

Architecture

Stellar Cyber's SaaS offering is deployed on OCI as the base infrastructure, and leverages a micro-service architecture to ensure scalability and security across all platform components. With SaaS, the centrally hosted portion of the Open XDR Platform contains Stellar Cyber's Connectors, Data Analyzer and Data Lake microservice groups, which encompass everything from data collection, data processing, search & storage, Machine Learning (ML) and User Interface (UI). The only platform component that are not centrally hosted in a SaaS environment are any third party tools that are integrated into Stellar Cyber, those stay resident wherever they are, and Stellar Cyber's sensors. Stellar Cyber's sensors can be deployed on premise or in other cloud environments – wherever the user seeks to add data collection and edge detections.

The centrally hosted SaaS portion is automatically upgraded, monitored, and managed on behalf of the user. For Stellar Cyber's sensors, users can specify whether they want sensors to be automatically upgrade, or manually upgraded themselves.

The high level architecture is represented below.
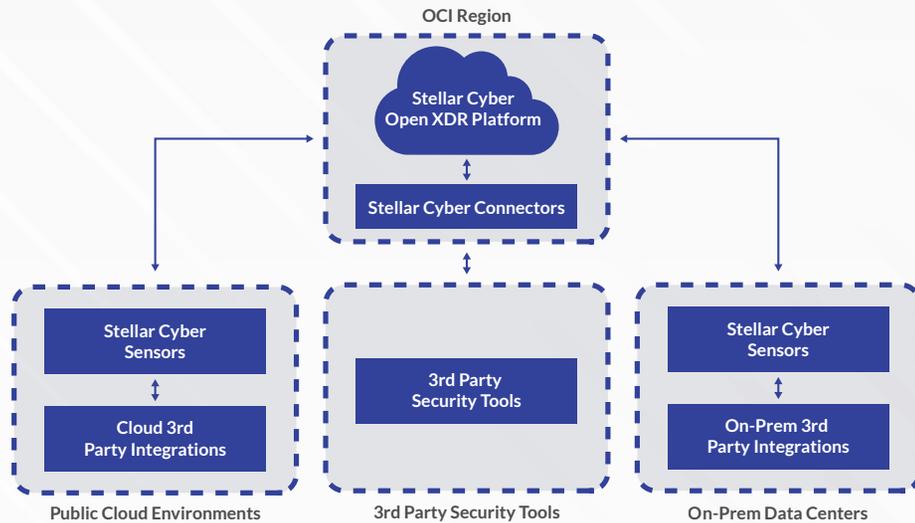
User Experience

The entire platform is managed by Stellar Cyber, so the user is solely responsible to configure integrations, deploy sensors, configure Role Based Access Controls (RBAC), and conduct security workflows. Users will be notified when maintenance windows occur, but do not have to worry about the platform's service levels, monitoring, or stability. For more information on Stellar Cyber's SLAs, visit this page.

High Availability

Built on top of OCI's highly reliable services, Stellar Cyber natively deploys the Open XDR Platform's standard High Availability (HA) features in all SaaS deployments. This includes data backups, configuration backups, node clustering, and data buffering. If users have more stringent HA requirements beyond what Stellar Cyber's SaaS offers as a standard, Stellar Cyber can deploy additional HA features for that deployment if necessary. For more information about all the HA features of Stellar Cyber's Open XDR Platform, reference the HA Data Sheet.

Security

Stellar Cyber has employed additional security controls with its SaaS offering as well as various security testing throughout the development lifecycle. In each SaaS environment, a Web Application Firewall is deployed in front of all publicly exposed services. At the service level, the platform is designed to communicate securely between services with only the allowed communication paths. At the user level, SaaS has Two Factor Authentication and robust RBAC. At the data level, data is separated both physically and logically amongst different customers to ensure no leakage of information.

For Stellar Cyber's development lifecycle, application security, vulnerability testing, and red teaming are all used on a continuous basis. Additionally, Stellar Cyber is undergoing its SOC 2 Type 2 audit with expected completion in Q4 2022.