



# SPLUNK AS A SERVICE



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In a digital world where data is seen as the backbone of every business, it is of great significance to have the ability to analyze and visualize this data effectively. According to a study, 58% of all interviewed companies rated the analysis of data in connection with a strategy as one of the three most important success factors.<sup>1</sup> Splunk, a powerful software platform for data analysis, precisely offers these capabilities and it supports businesses in optimizing their IT infrastructures. Observability and cyber security are two areas of IT that can be significantly strengthened.

With Splunk as a Service, NTS offers a comprehensive solution to customers.

## SPLUNK AS A SERVICE

Within the framework of Splunk as a Service, NTS takes over the installation and the operation of Splunk for customers. A 24x7 monitoring makes sure that all components that are required for the service are fully functional in order to assist the customer with the data analysis. In the event of certain failures, NTS is informed immediately so that they can debug the operation. Updates and maintenance are also done on a regular basis, and new data sources can be integrated if requested by the customer. The continuous improvement of the service is worked on during periodic meetings with the customer.

The customer can use Splunk efficiently and does not need to take care of the operation. Therefore, the customer can focus on the analysis and interpretation of data, whilst NTS ensures that Splunk operates flawlessly around-the-clock, so that the data analysis is possible.

## YOUR ADVANTAGES AT A GLANCE

- Using Splunk instead of operating it
- Securing the functionality of Splunk and the environment that is required for it
- Adaption of Splunk for better usage in the operation
- 24x7 monitoring by available highly qualified analysts
- Projectable costs

## POSSIBILITIES OF SPLUNK

NTS is very well acquainted with the features and possibilities thanks to the longstanding partnership with Splunk. Cisco (a NTS partner since 1995) has discovered the value of Splunk and acquired the company at the beginning of 2024.

Splunk can integrate a variety of data sources and they offer many features that support businesses to manage and utilize their data efficiently.

<sup>1</sup> 2022 Gartner Research Circle Omnibus – May Survey

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## DATA AGGREGATION AND DATA INDEXATION:

Splunk collects and indexes data from different sources, which allows a central view onto the entire IT infrastructure.

## REAL TIME DASHBOARDS:

Visualization of data in real time, whereby fast and well-founded decisions are supported.

## ALERTS AND REPORTS:

Automatic alerts and transmission of reports based on defined criteria.

## EXPANDABLE ARCHITECTURE:

Integration of additional modules and add-ons for the adaption of the functional scope of Splunk to specific requirements.

## MASCHINE LEARNING:

Usage of advanced algorithms for the prediction and detection of anomalies in data streams.

By using data that is present in the company and thanks to the possibilities of Splunk, knowledge can be gained and the performance as well as the operating results can be increased. The application possibilities are versatile, either to increase the security level, or to carry out IT trouble shooting or to optimize marketing campaigns. Thus, Splunk converts data into answers.

## NTS DEFENSE PLATFORM: THE BASIS FOR SUCCESS

The NTS Defense Platform forms the basis for this Managed Service for Splunk. This will be provided on-premises at the customer. All required components, inclusive of hardware, software and licenses are contained therein. Furthermore, NTS Defense Platform is designed in such a way that it is easily scalable to be able to be ready for future requirements (for example: increasing of Splunk data volume).

By the integration of Splunk into this robust surrounding, businesses benefit from an optimized infrastructure that is reliable and scalable and enables a flawless operation of Splunk.

## EXPANSION TO TDS | SIEM

Splunk as a Service is a full service, but it also forms the basis for NTS Threat Detection Service | SIEM, a NTS service that helps to detect threats in the company. An expansion to this service is possible at any time for customers that want to increase their security and that want to pass the responsibility for threat detection to NTS specialists.



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