



# UE Data Collection, Reporting & Event Exposure

**Member's work in more detail...**

[5g-mag.com/technology](https://5g-mag.com/technology)



# UE Data Collection, Reporting and Event Exposure

Overview of the work, outcomes, Execution Plan and Technical Resources

## What is this project about?

The **Network Data Analytics Function (NWDAF)** is a key component of the 5G System designed to analyze data collected from various Network Functions and UEs.

- This enables a **closed-loop system** where consumers can use the analyzed data to modify and **optimize the 5G System's configuration in real-time**.
- An extended architecture introduces a **Data Collection AF** that **receives data from UEs and Application Servers**.
- This framework also incorporates Data Access Profiles with aggregation functions to ensure data protection, and allows for third-party Application Service Providers (ASPs) to consume these events for their own application optimization.



WHERE TO LOOK AT?

Check the [Execution Plan](#)  
All the [Technical Resources](#)  
Information on [Standards](#)  
Reference Tools available:

- [Project: UE data collection, reporting and event exposure](#)



# UE Data Collection, Reporting and Event Exposure

Overview of the work, outcomes, Execution Plan and Technical Resources

## What are the members doing?

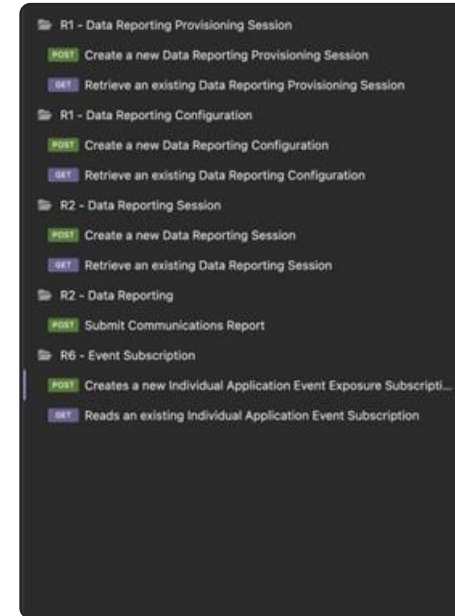
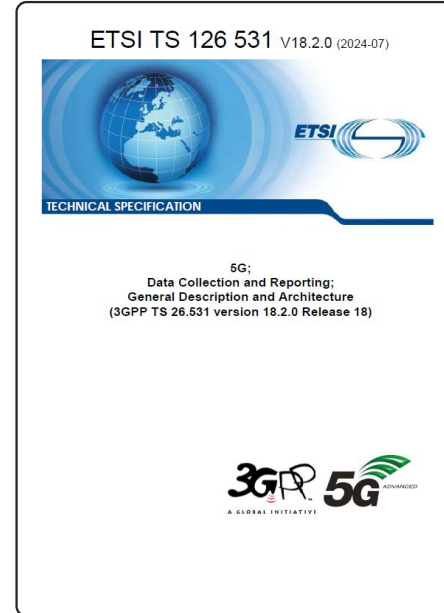
### Standards

- Documentation on UE Data Collection and Reporting framework for Event Exposure in 3GPP Release 17
- 3GPP Standardization tracker and relevant Work Items
- Support to standards with feedback from implementation



### Software

- Implementation of reusable Rel-18 Data Collection Application Function for data reporting and event exposure
- Cloud-based deployments and dockerization



## WHERE TO LOOK AT?

Check the [Execution Plan](#)  
All the [Technical Resources](#)  
Information on [Standards](#)  
Reference Tools available:

- [Project: UE data collection, reporting and event exposure](#)