



# UE Data Collection, Reporting & Event Exposure

Member's work in more detail...

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## **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 (NDAF)** 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

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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](#)