

# Traditional Computing

VS

# Edge Computing



## TRADITIONAL COMPUTING

Traditionally, an infrastructure that collects data from IoT sensors or receives video streams from a network of cameras consists of a **central platform where all this data is gathered and processed** to generate statistics, alerts, notifications, etc.



## WHAT'S HAPPENING NOW?

With the development of increasingly efficient, small, low-power and high-performance chipsets, this traditional approach is moving towards the paradigm of **Edge Computing**.



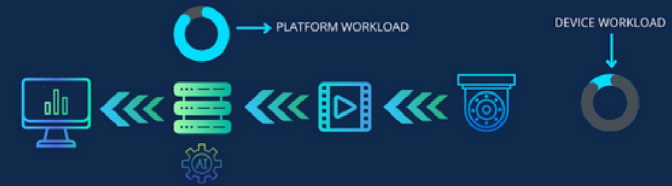
## EDGE COMPUTING

Edge computing means that the operation of data processing is moved as far as possible to the place where the data itself is produced. This makes it possible to parallelize the workload directly on the sensors' devices.

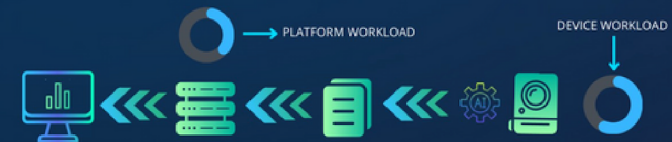
The central platform in this case only takes care of data aggregation and visualization. This paradigm also makes it possible **to scale up the number of devices without having to carry out massive changes to the platform configuration and resources.**

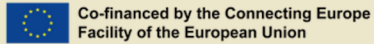


### TRADITIONAL COMPUTING



### EDGE COMPUTING





## **DYNAMIC DATA ANALYTICS SERVICES**

DYDAS is based on the creation of a digital platform capable of handling large volumes of dynamic data, enabling public sectors and industry to benefit from large-scale data analysis and to promote the sharing and reuse of public data/information and privately securely.

The beta version of the platform is available to be tested for free.

It allow transactions to be made to access data and value-added services through the use of High Performance Computing (HPC) systems based on Big Data, Machine Learning (ML), Artificial Intelligence (AI) and advanced data analysis.

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DURATION: 01/12/2019 - 30/09/2022**

DYDAS digital platform will allow transactions to be made to access data and value-added services through the use of High Performance Computing (HPC) systems based on Big Data, Machine Learning (ML), Artificial Intelligence (AI) and advanced data analysis.

# Let us know:

