

# TAS Advanced Monitor

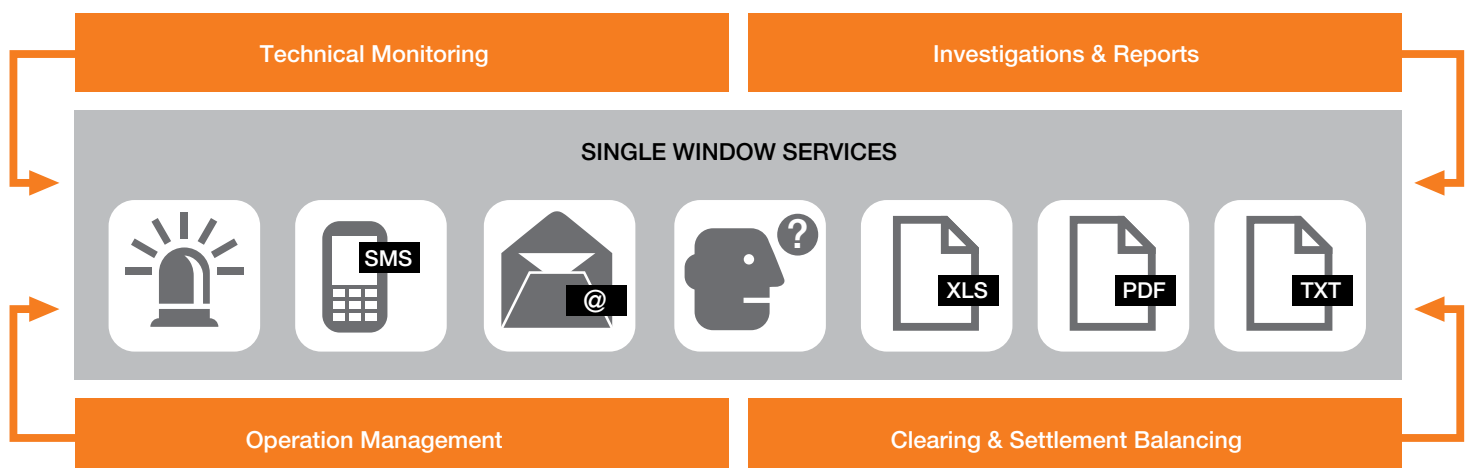


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The solution for Monitoring Applications

TAS Advanced Monitor is the TAS Network Gateway component which performs monitoring of all applications. The solution provides a single window for the monitoring and control of both technical aspects linked to correct platform functioning, and of operational aspects related to the management of operations.

The component conducts tracking operations, highlighting critical events. It is able to check the status of the instructions/files in real time. Investigation and reporting functions are also provided. All information is processed in a general business format (mono format).



# Features

TAS Advanced Monitor makes functions and operational services for monitoring and control available for the entire TAS Network Gateway platform.

Functions are grouped into four blocks, each addressing specific requirements. Together these constitute a single window for full control of the platform.

The four blocks are structured as follows:

## Technical Monitoring

Brings together the functions required to verify that the platform is operational and running, supporting technical users who may be required to undertake actions to restore proper operation. It is possible to verify that time-based processes are regularly scheduled, that reject queues are empty, or that queues on exchange codes do not lead to the build-up of a quantity of messages above a certain limit. Situations involving errors and/or inconsistent processes may be reported to the designated individuals responsible for supervision services via email, sms or through messages on operational consoles.

## Operation Management

This includes the operational functions required for the management of payment instructions, for example allowing the authorisation, correction, insertion and deletion of messages. All transactions can be protected by the dual control mechanism, whereby the individual who performs the operation cannot also be the person giving authorisation.

## Investigation & Reports

This includes functions dedicated to searching for and producing reports. Allows the display of all events which take place during the processing of payment instructions.

## Clearing & Settlement balancing

Provides functionality for clearing and settlement cross-checking for items that have been exchanged in various settlement circuits and with various supply channels.

Advanced Monitor also makes the following **services** available to external applications:

- supply events and information related to **payment instructions** which pass through applications external to Network Gateway
- supply of **forecast information for clearing and settlement balancing**
- supply of **forecast information** necessary for the application of **cash management**
- search for **information related to payment instructions** (status of the payment, list of related events)
- single point of collection for information requested which is used as an input into the **accounting ledgers**.

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