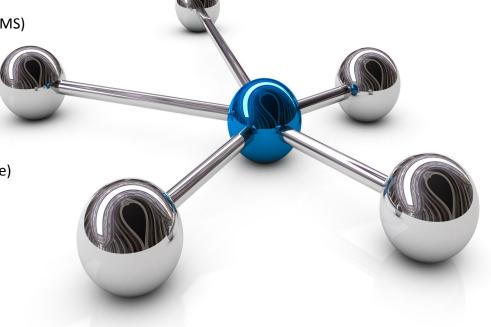


WaveSTAR lightens the path to integration

WaveSTAR offers a fast, safe, multi-purpose translation capability that facilitates the rapid integration of any third party's equipment protocols. It allows information in many forms and countless protocols to trigger any of the wide range of responses possible in a Wavestore system. These include actions such as controlling recordings, directing PTZ cameras, switching display contents for all or specified users, and e-mailing images and other information; all using configurable Wavestore 'rules'. WaveSTAR can facilitate a deep integration with a wide range of equipment and systems, including:

- Access Control
- Biometrics
- Building Management Systems (BMS)
- Electronic Point of Sale (EPOS)
- Facial Recognition
- Fire Alarms
- Industrial equipment monitoring
- Instrumentation (e.g. temperature)
- Intruder alarms
- Licence Plate Recognition
- Object Tracking
- People Counting
- Perimeter Security
- Intelligent Video Analytics (IVA)

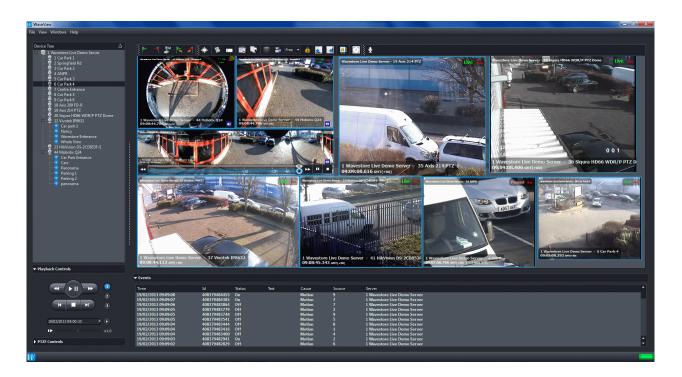


One of the major challenges facing the electronic security installers is that customers require a totally integrated solution in order to achieve maximum advantage from their investment in a security system. There is however a vast range of disparate technologies that may be required to continuously interoperate. Although this is quite often achieved by system integrators using SDKs, this method of integration has to be coded which takes time to complete, and may have to conform to development and testing schedules.

WaveSTAR (Sensing, Translation, Action and Response) is intended to unlock the capability to accept alarm or message inputs from third party equipment and extract the unique message data to enable the appropriate action or response to be determined. A wide range of data inputs are supported including UDP messages, TCP messages (binary and textual lines), HTTP messages and Serial port data.

WaveSTAR (Sensing, Translation, Action and Response)

An open platform philosophy enables Wavestore to communicate with technology from camera manufacturers and other third party partners to offer a comprehensive security solution. WaveSTAR enables installers and systems integrators in their endeavours to provide customers with an integrated solution for security, health & safety and/or management information purposes. Introduced into V5.40 of Wavestore's video management software (VMS), WaveSTAR is able to support any device or system that is able to transmit an alert over the network if and when a specified incident or activity occurs.



Retail Loss Prevention

An excellent example of where WaveSTAR can help facilitate interaction between Wavestore's VMS and third party systems is in the retail environment where there may be a need to integrate Wavestore's VMS with an EPOS system. The solution achieved with WaveSTAR allows text from the EPOS devices, typically the data stream sent by a till to a printer, to be input to a Wavestore server for display alongside associated video images.

The input can be by serial (RS232 or similar) or network (TCP or UDP) ports, and is processed by a script so that it is formatted for its specific use. The script enables the report to be formatted if, for example, there is a requirement to duplicate cashier ID onto each line of the transaction for searching/reviewing purposes. Text searches may be made of the database of transactions.

The video footage associated with transactions can be viewed via the WaveView client and is synchronised with the EPOS data. The EPOS data can be retained for a specified period of time using standard Wavestore rules, although this will typically be the same duration as the recorded video activity to which it refers.