



BurstDetect by Ovarro is a cloud-based analytics solution to detect rising main bursts with potential to cause pollution incidents.

BURSTDETECT OFFERS A SOLUTION:

Rapidly detect rising main bursts

With early action to prevent the escape of sewage, BurstDetect supports to reduce the damage to the environment, preventing fines, regulatory penalties, and reputational damage.

Maximise value from existing monitoring

BurstDetect's algorithms can be applied to a growing range of monitoring setups, so that more of your assets can be covered without capital investment.

Prioritise your response

Detected bursts are allocated a confidence level to allow responses to be prioritised.

Burst alerts

Incident notifications take the user quickly to an Alert Review page, where all the key data is presented to allow rapid diagnosis and action – helping to minimise pollution.

WHAT'S INCLUDED WITH BURSTDETECT?

BurstDetect	Web-based software product, accessed via the Ovarro Atrium platform.
Support helpdesk	Ovarro helpdesk and support.
Online and video training	Dynamic content to support with understanding BurstDetect and how it can help your organisation.
Regular updates	Automatically updated as new features are added.
Customer database connection	Our implementation team will help set up a secure data connection from your monitoring systems.

BURSTDETECT FEATURES:

Rapid detection of potential bursts	<ul style="list-style-type: none">• Significantly reduces response times to burst events• Reduces environmental impact• Reduces penalties from regulators and government authorities• Reduces negative PR impact of pollution events
Burst detection algorithms	Machine learning algorithms analyse data to detect bursts. Over time, BurstDetect learns what is normal for each pumping station and rising main, improving the quality of burst detection.
Email notification	Communication from BurstDetect to notify of a burst or other incident.
Live data feed	Live data allows for near-real-time monitoring of events with visual representation of bursts to support understanding.
Visual dashboard to display system status	Provides a rapid view of the status of recent alerts as well as the system as a whole.
Historical data review	Access to historical data and trends to support review and diagnosis of alerts.
User-friendly process for addition of new sites	Ability to integrate additional sites and data into the dashboard. Allowing ease of access for Pollution Managers to monitor multiple sites.