

Site

Serco prisons

Name of project / initiative

Vulnerability prediction tool (VPT)

Overview

This VPT has been developed by Serco to highlight changes in prisoners' behaviour patterns and help identify those at risk of self-isolation/withdrawal from the regime. It daily compares their current pattern of behaviour against the past, specifically highlighting activity areas which are becoming less frequent (visits, phone credit, ordering meals, education/activity/gym attendance). A daily consolidated report, which focuses on those with 4 or more significant pattern changes, presents the data in descending order of concern, and is forwarded to the prisoner's Key Worker to investigate and signpost to appropriate support. The report uses data already held in the Custodial Management System (CMS), so no maintenance or additional data entry is required. The VPT works well with Serco's 'anniversaries trigger tool', in which significant dates in a prisoner's life are recorded, such as the death of a relative, failure of a relationship or important sentence dates. Whilst primarily targeted at those who are deliberately self-isolating, the tool can also be used to identify those who have difficulty engaging with the regime through no fault of their own.

Longevity

Since 2019

Benefits

Help people keep safe and engaged with potential to save lives.

Uniqueness

Operational across Serco's prison estate

Applicability

Serco have waived intellectual property rights and are working to provide as a module to all CMS users. The concept could be adapted to work with other commercial data systems too.

Requirements

Needs the relevant data to be collected together in a single database

For more information:

Ian Shirlaw, Serco - ian.shirlaw@serco.com

Submitted by:

Wyn Jones, Director, Serco Custodial Services – Wyn.jones@serco.com