

**Industry**

Background Screening (CRA)

Use Case

National Criminal screening

Automation Scope

Synapse National Criminal Automation

Operating Model

System automation with human oversight

Timeframe

Production deployment beginning mid-2025

**About Synapse**

Synapse is Cerebrum's screening processing engine, built in partnership with TazWorks to execute high-volume screening workflows at system speed with continuous control and audit.

With Synapse, National Criminal screening shifts from hours-long processing to system-speed execution in seconds.

Featured Case Study

How JDP is modernizing National Criminal screening with Cerebrum Synapse

JDP is a national background screening provider operating on the TazWorks platform and processes millions of National Criminal searches each year, making this workflow one of the most volume-sensitive parts of its screening operation.

In 2025, JDP partnered with Cerebrum to begin modernizing National Criminal processing with Synapse, shifting volume from human-paced workflows to system-level automation.

The Challenge

National Criminal screening is highly sensitive to queue behavior. Even small delays at the front of the workflow can cascade into hours of system-level processing time when volume spikes.

The Solution

JDP deployed Synapse to execute National Criminal processing at the system level. Routed cases now bypass human queues and are processed end-to-end by Synapse in seconds, with human teams focused on oversight and exceptions.

The Results

When National Criminal volume is processed through Synapse, system performance shifts from hours to seconds:

~1.5 seconds

Typical NatCrim search processing time

<13 seconds

95% of cases complete in under 13 seconds