

# NUIX NEO INVESTIGATIONS FOR CHILD SEXUAL ABUSE MATERIAL (CSAM)

Nuix Neo Investigations revolutionizes CSAM investigations with advanced AI, that enhances today's techniques providing law enforcement agencies with automated insights, smarter triage and risk assessments, and relationship mapping with deep-link analysis to identify offenders and victims. With Nuix Neo Investigations, law enforcement agencies have an efficient, holistic approach to identifying offenders and protecting our community's most vulnerable.



The sexual exploitation and abuse of children online is a persistent and growing threat with devastating consequences for those affected. One in eight of the world's children have been victims of non-consensual taking, sharing and exposure to sexual images and video in the past year. That amounts to over 300 million young people.

## THE PROBLEM IS COMPOUNDING

- > **Backlog buildup:** Backlogs and the sheer volume of material and devices awaiting interrogation mean existing solutions and workflows often prioritize the automation and speeding up of review and categorization of known CSAM material to meet charging guidelines. Leaving key evidence potentially undiscovered.
- > **Siloed case approach:** The fragmented nature of current case management often results in missed connections between cases, offenders, and victims, leaving critical clues to slip through the cracks.
- > **File type proliferation:** Unfortunately, the current image-centric approach has significant limitations. It can leave insufficient time and resources for identifying new contact abuse material and the analysis of textual material, such as chats, is often overlooked. These texts can provide critical evidence of grooming or coercion, which is essential for rescuing victims, identifying producers of CSAM, and dismantling organized rings.

## HOW NUIX NEO INVESTIGATIONS CAN HELP

With success not counted in the number of convictions, only the number of children saved, law enforcement agencies must seek new technology solutions that can overcome the current isolated approach to investigations. Technology inherent in Nuix Neo Investigations, including cross-case analysis, relationship mapping and assisting offender identification with deep link analysis, and powerful AI models, can help investigators see the bigger picture. With Nuix Neo Investigations law enforcement agencies, specialist taskforces and victim identification specialist can:

**Build risk profiles:** Nuix Neo Investigations' intelligent automated triage goes further than traditional device triage utilizing AI-enabled deep content analysis, and natural language processing (NLP). Our advanced AI models help to detect grooming or coercion from textual material and generates automated risk reports. These reports help build up a risk profile to assist with prioritising cases and devices based on data type, likelihood of CSAM material, NLP analysis of textual material.

**Emerging trend analysis:** Our technology supports wider trend analysis and identification of language consistent with child sexual exploitation and abuse to track and report patterns and emerging trends. Nuix Neo Investigations' entity matching of names, handles, GEO locations, phone-numbers, crypto wallets and transactions, can build a bigger picture of digital footprints left by perpetrators, enhancing the ability to trace and apprehend offenders.

**Reduce stress on teams:** Going beyond traditional hash sets, our automated data discovery and classification workflows automatically load data into the Nuix Neo platform post capture. Our vendor agnostic ecosystem and advanced AI quickly helps identify first-generation material. This automation reduces the exposure of specialist reviewers to the emotionally exhausting task of grading CSAM material.

**Reveal hidden relationships:** Unearthing hidden relationships, networks, patterns of behavior, and clues across terabytes of data is critical in the fight against child abuse. Cracking the code to identify an offender and rescue children is a complex, intricate, global puzzle. Deep-link analysis combined with relationship mapping and an ecosystem of custom CSAM AI models scan images and textual data to reveal patterns and environmental clues hidden in the most unexpected places—an electrical outlet, curtains, distinguishing marks or tattoos, and even the species of wood flooring. These types of environmental clues have all led to breakthroughs in cases, resulting in rescued children and charged offenders. Nuix Neo Investigations' AI-assisted searches are finely tuned to seek out these clues, connect victims, identify locations, and pinpoint offenders.

**Cross-case analysis:** Identifying and mapping members of organized rings is a complex task. Our deep-link analysis and relationship modelling can reveal hidden relationships, connecting contacts and linking entities across disparate cases. Nuix Neo Investigations enables a comprehensive cross-case analysis approach, that helps facilitates offender and victim identification, allows the sharing and identification of intelligence shining a light on patterns and trends that can disrupt crime networks and organized rings.

**Integrate with existing systems:** With the ability to understand unstructured data at scale, Nuix Neo Investigations rapidly ingests and analyzes data. Designed to complement, integrate and enhance existing tools and workflows Nuix Neo Investigations can ingest CSAM case data from existing systems and aggregate data sets from disparate sources, and other digital forensic tools. By reducing the manual movement of data and utilizing open API's to integrate data from third-party technology, Nuix Neo Investigations provides a holistic view of data and insights from a single vantage point, supporting cross-case analysis and eliminating data silos caused by traditional investigation tools and workflows.

## WHO NEEDS NUIX NEO INVESTIGATIONS FOR CSAM?

Law enforcement agencies faced with emerging trends in grooming, proliferation of hidden data and offenders using sophisticated methods to mask their activity and networks, must ask if the technology they are using is doing enough to catch perpetrators and protect children, while also shielding investigators from the weight of reviewing and grading new first-generation material. Questions including:

- > Are you using AI to identify potential CSAM and reduce the need to review/grade new material?
- > How are you extracting intelligence from disparate cases to help build up a risk profile or identify potential new trends?
- > How do you keep up to date with 'new' images given that most of the traditional databases (CAID/VIC) are retrospective?
- > Whilst most of the focus is on reducing the backlog of material to be reviewed, how are you balancing that with the risk of identifying victims and offenders?
- > How are you ensuring that you understand and manage the risks around investigating CSAM material?
- > Is your device triage going far enough, to detect and flag potential producers of CSAM, not just voyeur paedophiles, or possession of CSAM?

## GET STARTED TODAY

Contact us to speak with a Nuix specialist and discover how our Nuix Neo Investigations for CSAM can surpass today's techniques and technology. Leveraging powerful AI, it detects and grades first-generation abuse material, reveals hidden relationships, spots environmental clues, and patterns in CSAM material, and provides investigators with new methods to quickly and accurately link cases, identify offenders, and rescue children. Talk to Nuix today.

Contact us today to find out more:  
[www.nuix.com/contact-us](http://www.nuix.com/contact-us)



Nuix ([www.nuix.com](http://www.nuix.com), [ASX:NXL](https://www.asx.com.au/ASX:NXL)) is a leading provider of investigative analytics and intelligence software, that empowers our customers to be a force for good by finding truth in the digital world.

We help customers collect, process and review massive amounts of structured and unstructured data, making it searchable and usable at scale and speed, and with forensic accuracy.

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