

BLACK RAINBOW

Streamlining Investigations and Facilitating Digital Forensics

Investigative case management is a sequence of processes to keep track of investigations and coordinate multiple agents and support personnel involved in the affair. Even though the system is of massive help to investigative organizations, this area was vastly underfunded and underserved in terms of user requirements, product development, and innovation for many years. Engaging multiple siloed systems to manage cases, evidence, tasking, assets, quality, and reporting and the lack of real-time case information invited inefficiencies in almost every stage of the investigation process. Black Rainbow, identified the market gap and developed NIMBUS, an integrated case investigation, evidence, and quality management system to service the market.

NIMBUS offers investigations much-needed anonymity by eliminating the need for multiple software subscriptions. With NIMBUS, data can be searched, reported, and exported. The platform has custom dashboards that reflect statistical data trends in real time. Also, by automatically populating case information into statements and reports, the platform ended the need for double-key entry, significantly minimizing the error window. As the platform is user-configurable and highly flexible to meet varied investigation needs, it comes in handy in today's fast-paced crime situations.



Through NIMBUS' scalable and adaptive framework, it can support multi-discipline teams and their investigation use cases, including fraud, theft of intellectual property, anti-piracy, or criminal offenses such as drugs, murders, crimes against children



Dr. James Kent,
Co-Founder and CEO

NIMBUS also has a customizable forensic case submission portal, which is a two-way digital mobile submission management and production system for compiling, publishing, importing, and reviewing forensic case submissions. Users can remotely submit forensic requests, add case information, such as evidence, notes, and scene information online or offline. NIMBUS allows users to track evidence throughout the investigation cycle till the end of investigation disclosure. Every minute detail, including the date and time the evidence was collected, from whom it was collected, and the path it followed once it got entered into the system, is being recorded to ensure a defensible and auditable chain of custody.

The inbuilt disclosure process records every piece of information that comes its way in a streamlined manner to ensure an adequate audit trail. All these traits make NIMBUS a primary driver of risk management and productivity booster throughout the customers' organization. Also, the platform's system architecture has a highly pliable integration framework that seamlessly integrates and automates with compatible technologies.

“NIMBUS has been adopted by organizations across a multitude of industries, all to solve the common problem of effectively managing, recording, and reporting on investigations. Through NIMBUS' scalable and adaptive framework, it can support multi-discipline teams and their investigation use cases, including fraud, theft of intellectual property, anti-piracy, or criminal offenses such as drugs, murders, crimes against children,” says Dr. James Kent, Co-Founder, and CEO, Black Rainbow.

Furthermore, the NIMBUS platform enables users to digitize the investigation processes and considerably reduce the investigation lifecycle through innovative features and agile methodology. Also, integrating the existing investigations with the NIMBUS workflows doesn't incur separate development or professional service costs.

Black Rainbow has been assisting multiple organizations across various industry verticals to streamline their case management systems. An instance that highlights the company's value proposition is when it helped a law enforcement firm in the UK to overcome some of the crucial bottlenecks in its management journey. The agency needed help to build a reliable evidence-tracking system through the range of critical processes used in the Cyber Crime Unit. They were also struggling with the ISO 17025 issues. They approached Black Rainbow to eliminate these bottlenecks in their process management. The team automated evidence collection and movement workflow by integrating existing processes with the NIMBUS case management and quality management modules. By activating the peer review functionality, which automatically staff member competencies to monitor the quality of work done transparently.

Another roadblock that came Black Rainbow's way is the inability to quickly extract information and business intelligence from existing repositories. Black Rainbow solved this impending challenge by offering enhanced management reporting capabilities and complimentary notification workflows through NIMBUS. The team built complex workflows and automated third-party tools, including data extraction, evidence review, and processing.

Founded in 2017 and headquartered in Ireland, Black Rainbow is determined to advance exponentially to meet the market evolution. The company was established with the sole strategic intent of bringing a modern, intuitive and innovative solution to the market to reduce the investigation lifecycle. Black Rainbow, as a team, is in the quest of helping its customers make a difference by upgrading NIMBUS to meet the growing market needs. 🇮🇪



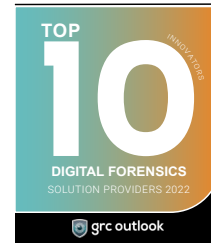
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Digital forensics is expected to face new challenges soon. Law enforcement agencies, academics, and security experts must be fully prepared to gather adequate digital evidence and utilize digital forensics to combat growing cybercrimes. Modern digital forensics is a multidisciplinary effort that embraces several fields, including law, computer science, finance, networking, data mining, and criminal justice. Professionals will increasingly face diverse challenges and issues regarding the efficiency of digital evidence processing and related forensic procedures.

Modern digital forensics must work in complex and fast-moving scenarios. The availability of cloud computing, smartphones, and wearable devices, ubiquitous Internet access, and novel digital wallet services often lead to investigations spanning international borders. To make matters worse, malware and cyber threats are increasingly equipped with sophisticated anti-forensics techniques. Consequently, digital forensics experts are required to move across different jurisdictions and legal systems, and to search for digital activities or artifacts often buried in large volumes of data. Not only does digital forensics allow cyber security organizations to develop technologies that can prevent hackers from accessing devices, websites, and networks, but it can also lead businesses in the direction of understanding exactly what data is compromised. Digital forensics experts can explore networks, probe security event logs, analyze network traffic, and access credentials to offer closure on a cyber attack.

But this makes it a challenging task for businesses to find the right solution provider who could find the exact requirements. That's where GRC Outlook magazine is bridging the gap with the Top 10 Digital Forensic solution providers in the 2022 listing. The companies listed below were selected by a panel of experts.



 **BLACKRAINBOW**

Management

Dr. James Kent
Co-Founder & CEO

Location

London, UK

Website

blackrainbow.com

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