



## ENHANCED AUDIT PERFORMANCE THROUGH AUTOMATION AND CONTINUOUS MONITORING

### COMPANY

National Applied Research Laboratories (NARLabs)

### HEADQUARTERS

Taipei City, Taiwan

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Established in June 2003, the National Applied Research Laboratories (NARLabs) is an independent non-profit institute that focuses on Taiwan's most critical research areas including:

- National Chip Implementation Center (CIC)
- Instrument Technology Research Center (ITRC)
- National Center for High-performance Computing (NCHC)
- National Center for Research on Earthquake Engineering (NCREE)
- National Nano Device Laboratories (NDL)
- National Laboratory Animal Center (NLAC)
- National Space Organization (NSPO)
- Science & Technology Policy Research and Information Center (STPI)
- Taiwan Ocean Research Institute (TORI)
- Taiwan Typhoon and Flood Research Institute (TTFRI)



**NAR Labs**  
National Applied Research Laboratories

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*“Arbutus provides us with greater insight into our business activities to identify any potential risk exposures across the organization.”*

CHEN CHENG LONG, INTERNAL  
AUDIT MANAGER, NATIONAL  
APPLIED RESEARCH LABORATORIES

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## CHALLENGE - Internal Controls Performance

A major focus for the NARLabs Audit team is centered around the effectiveness of the design and implementation of its internal control operations.

In an effort to drive enhanced performance and efficiency within its overall audit operations, NARLabs recognized the need to move beyond manual audit processes – leveraging automation wherever possible. More specifically, they wanted to adopt more efficient verification methods to save labor time, reduce cost, and automate their monitoring processes.

Ensuring the accuracy and completeness of its data processing was a priority for the National Audit Office and The Directorate General of Budget, Accounting and Statistics (DGBAS) of Executive Yuan as well as their security and reliability.

While, ultimately, NARLabs headquarters needed to centralize the administrative management operations across their scientific experiments and research centers, it also needed a flexible solution that could address the needs of their individual audit teams at each center, as well as their part time, full time, in-office and remote staff.

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## SOLUTION - Arbutus Analytics + Taiwanese Partner Uprofit Digital Ltd.

With the assistance of our partner in Taiwan, Uprofit Digital Ltd., the Audit department of NARLabs 's headquarters made the decision to replace its previous analytics software and upgrade to Arbutus Analyzer – citing high performance and stability as determining factors.

## RESULTS

The Arbutus Analytics solution has cut labor costs and significantly reduced manual interrogations, enabling managers to change audit method and workflow. The automated auditing of travel expense reporting and procurement processes provide independent assurance to senior management that data processing with internal control is accurate and problem-free.

NARLabs has generated a number of important, tangible, and valuable results since they began using Arbutus. They can now run designated audit procedures in Arbutus – scheduling on a continuous basis. They've realized significant time savings when deploying, testing and running analytics, both from head office and when in the field, saving countless work hours.

Senior management now gets immediate notice from timely exception reporting. The overall quality of their analysis results has improved significantly – providing a more complete picture and increased confidence in the results.

## KEY BENEFITS

- *Performance improvement using Arbutus to run scheduled analytics*
- *Better quality results giving a more complete picture*
- *Significant reduction in time and frustration when setting up, deploying and running analytics*
- *More flexibility when working remotely - away from head office*

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## ARBUTUS ANALYTICS

*Based on 25 years of innovation excellence, Arbutus delivers the very best in purpose-built audit analytics technology to meet the exacting demands of today's business environment. Auditors, business analysts, and fraud investigators rely on Arbutus to enhance their testing, analysis and compliance capabilities.*

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## SALES INQUIRIES

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