



Technology for Business Assurance

# The Audit Analytic Capability Model

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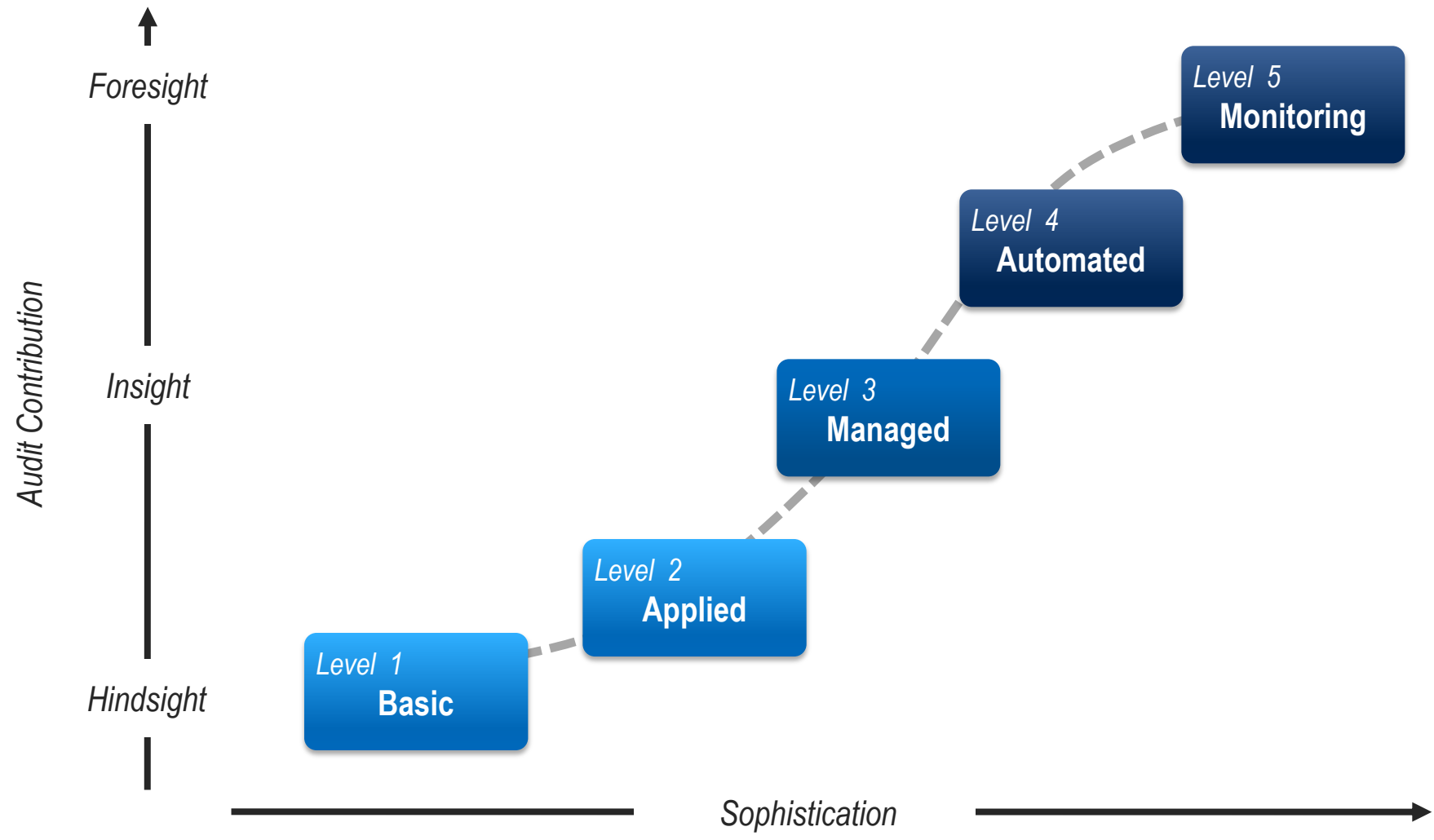
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**Vice President, Services & Product Strategy**  
**ACL Services Ltd**

# Audit Analytic Capability Model

- To help organizations chart their course in audit analytics
  - Codified based on 20+ years of experience
  - 14,000 customer organizations worldwide
  - Reviewed by Big Four partners
  - Covers the full spectrum of audit analytics needs
  - Will lead to an evaluation tool for our customers



# Introducing the Audit Analytic Capability Model



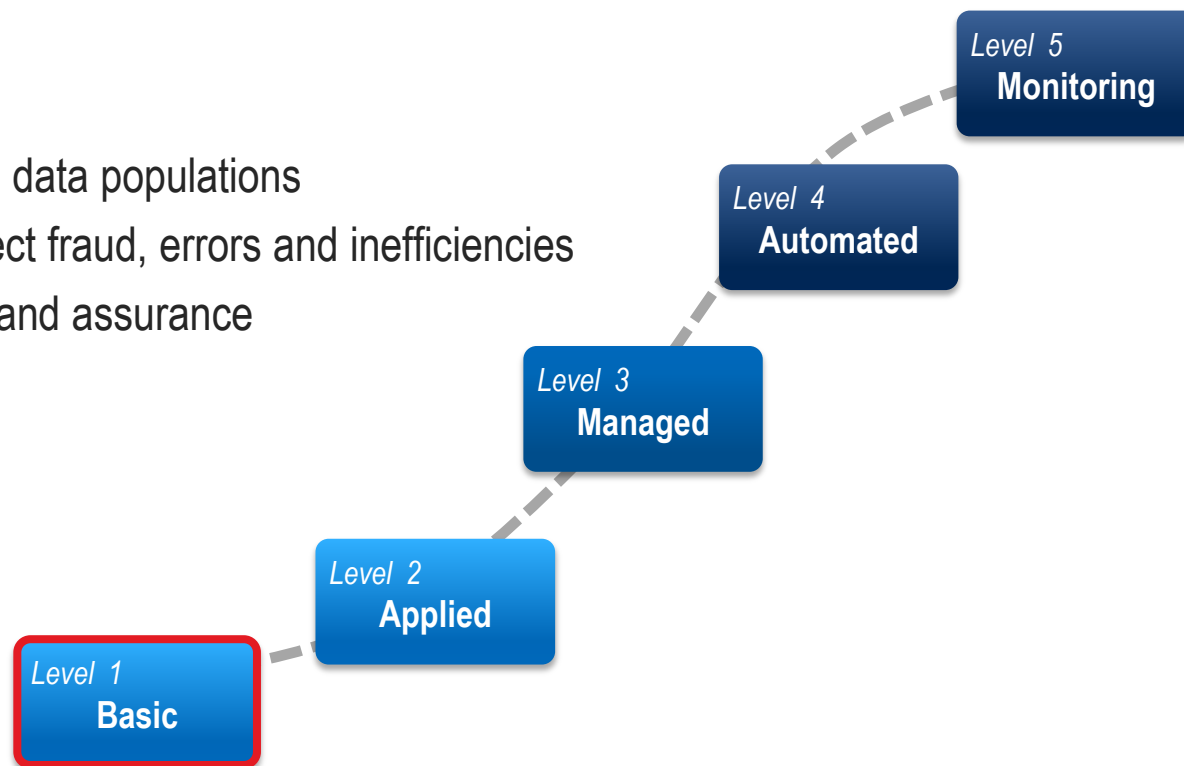
# Level 1: Basic

## Characteristics

- Audit-specific technology
- Ad hoc query and analysis
- Used to perform analysis of large data sets

## Benefits

- Rapid insight into entire data populations
- Increased ability to detect fraud, errors and inefficiencies
- Increased audit quality and assurance



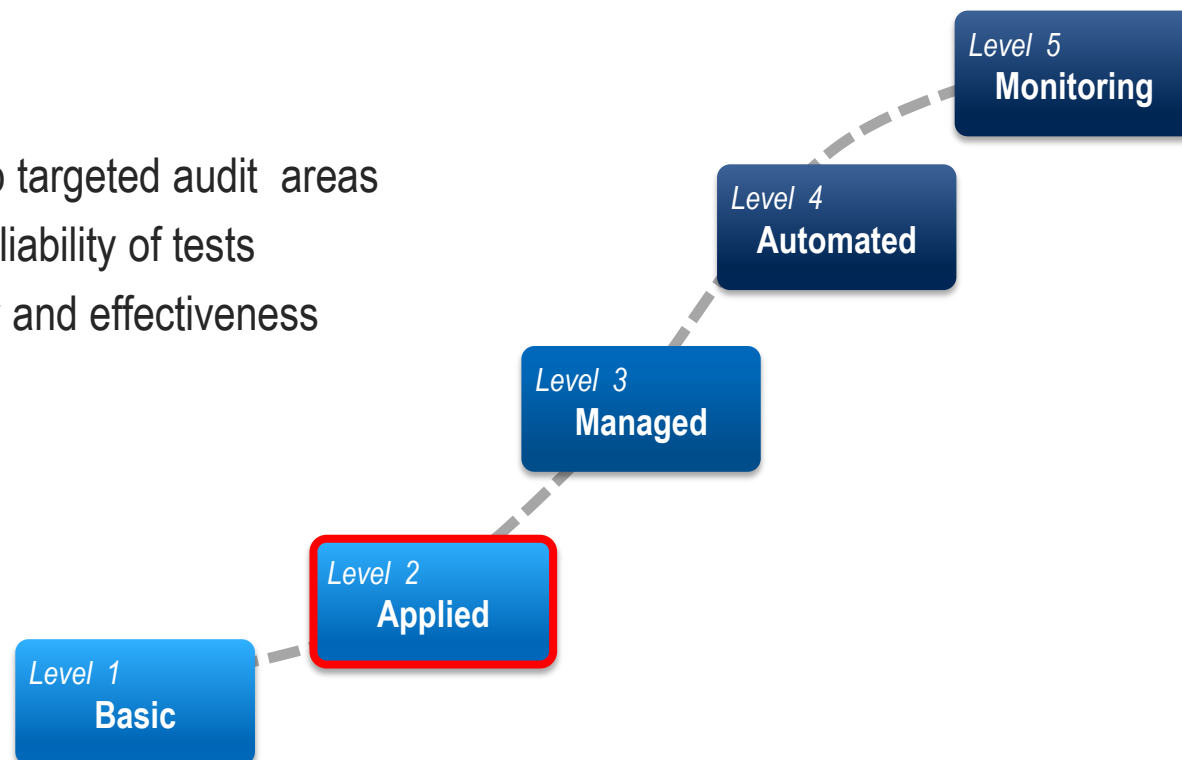
# Level 2: Applied

## Characteristics

- Analytics fully integrated into audit process
- Comprehensive suite of repeatable tests are designed and developed
- Applied to a range of audit and control objectives

## Benefits

- Gain greater insight into targeted audit areas
- Improved quality and reliability of tests
- Improve audit efficiency and effectiveness



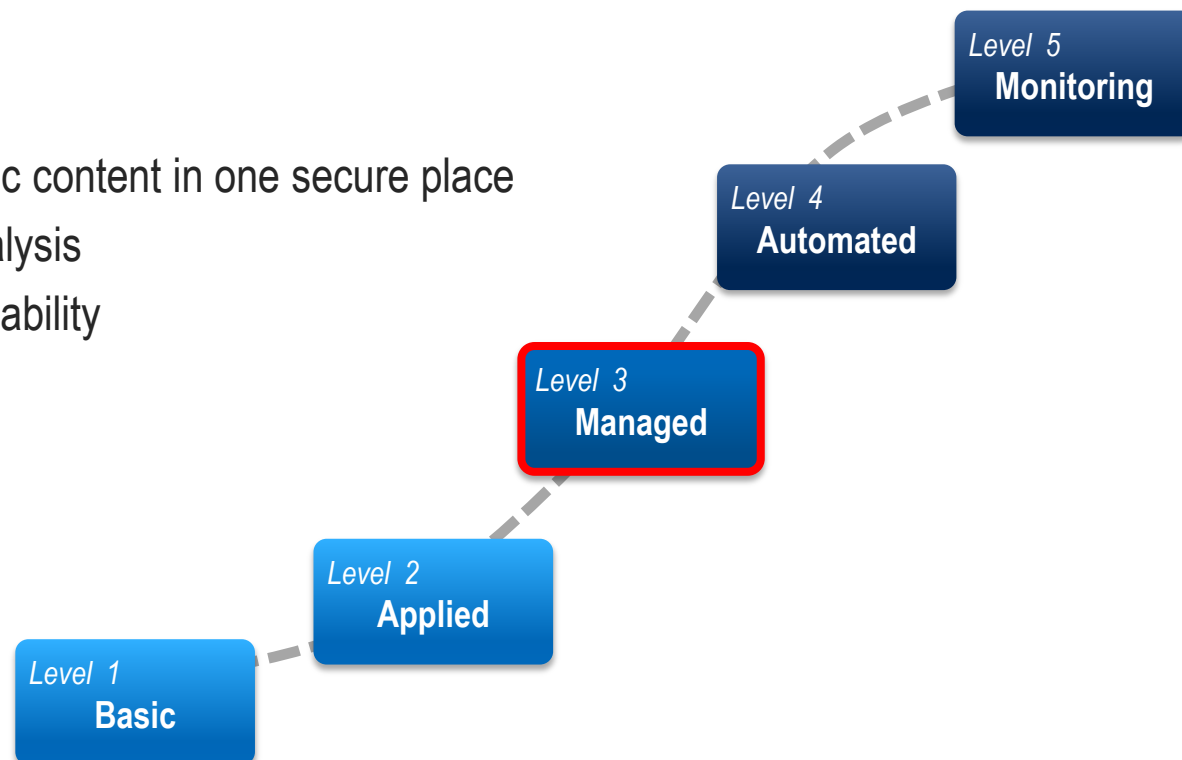
# Level 3: Managed

## Characteristics

- Centralized or local processing
- Secure environment to store data
- Audit analytic content shared within the team

## Benefits

- Manage all audit analytic content in one secure place
- Do more with faster analysis
- Risk mitigation / sustainability



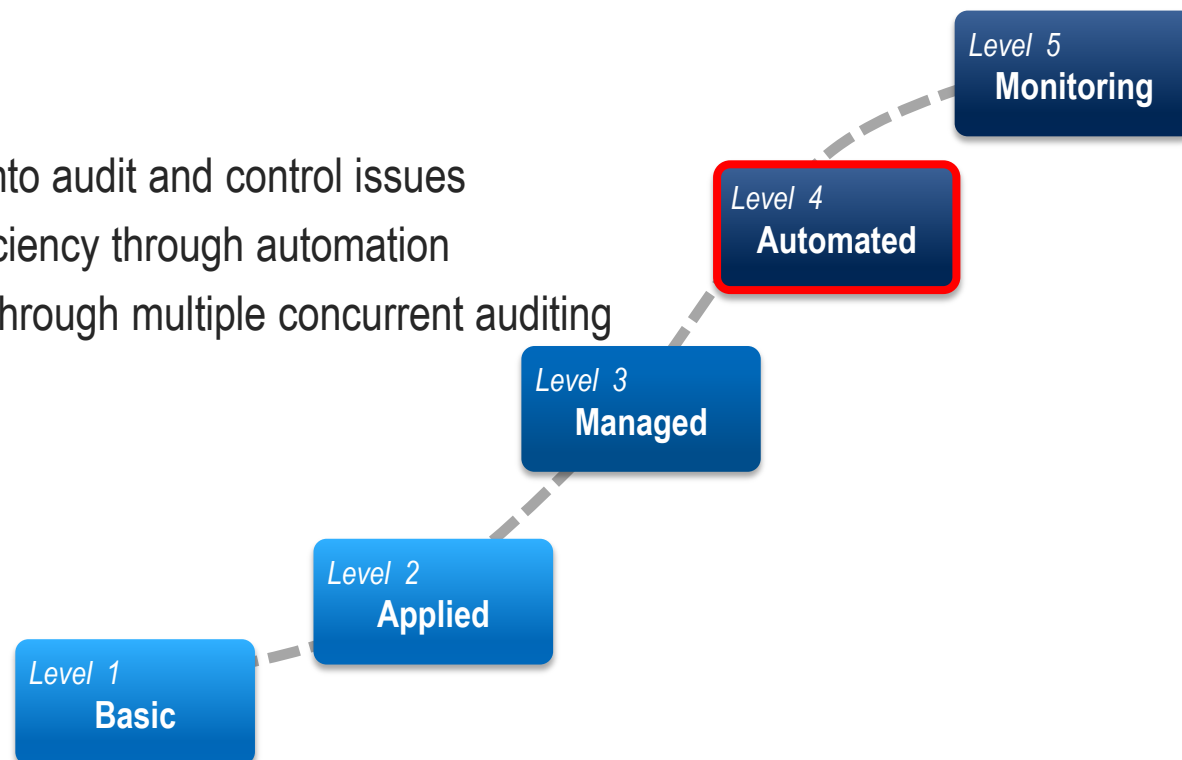
# Level 4: Automated

## Characteristics

- Recurring and scheduled analysis
- Audit processes change from cyclical to continuous
- A broader set of the audit team applying analytics across the audit process

## Benefits

- Achieve timely insight into audit and control issues
- Improve audit team efficiency through automation
- Audit scope increased through multiple concurrent auditing



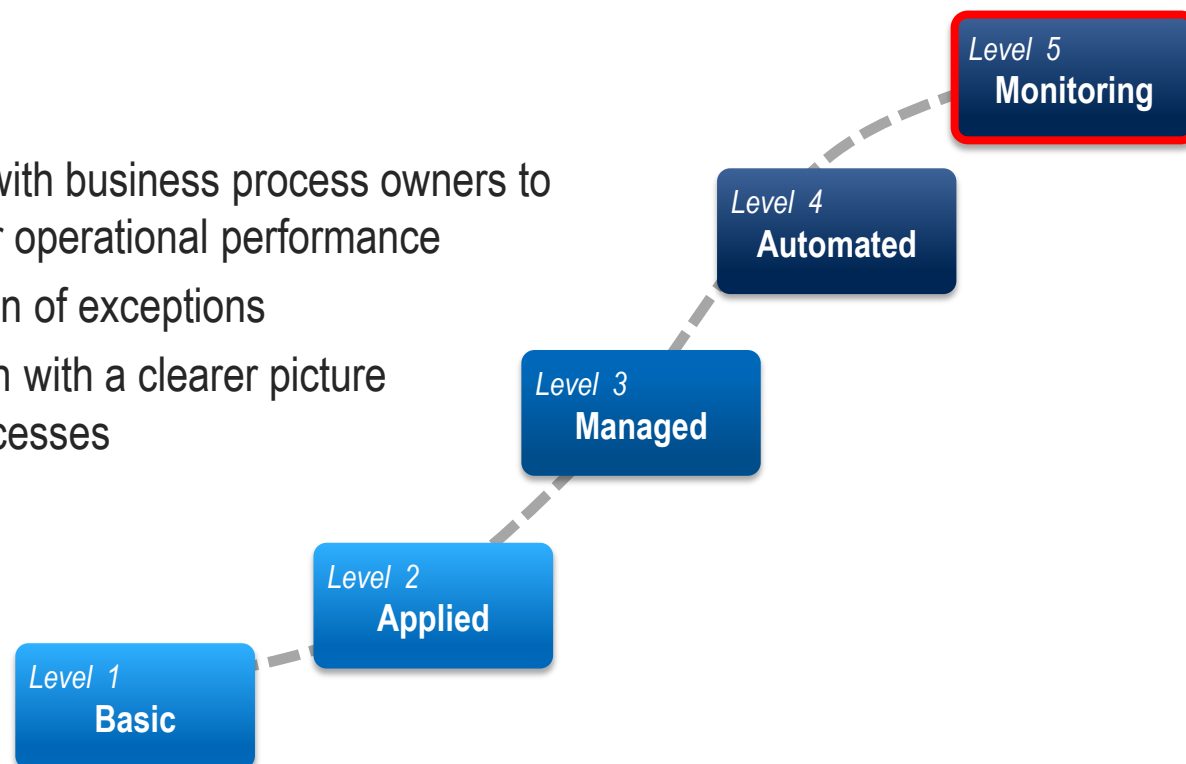
# Level 5: Monitoring

## Characteristics

- Exceptions routed to business process owners for review and remediation
- Reporting and monitoring of the results and trends identified
- Increased use of audit analytics across the organization

## Benefits

- Develop a partnership with business process owners to provide insight into their operational performance
- Achieve timely resolution of exceptions
- Provide the organization with a clearer picture of risks in business processes





# Summary

**We need your feedback:**

- Survey
- [acm@acl.com](mailto:acm@acl.com)



20+ years of  
experience

14,000 customer  
organizations  
worldwide

Covers the full  
spectrum of audit  
analytics needs