

Vulnerability Assessment and Penetration Testing



**BROADCAST
AUDIENCE
RESEARCH
COUNCIL
INDIA**

Report Issued on: November 25, 2025

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Objective

1	The objective of this exercise was to assess the BARC India -Web, Mobile and Thick Client Applications defense against vulnerabilities that may pose a threat to its systems and the organization.
2	The report also aims at providing recommendations and guidelines against such threats, which help in protecting the confidentiality and integrity of the systems and the application.

Methodology

1	The test was performed using the Automated and Manual Testing Methodology
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Approach

1	Audit type – Black & Grey Box testing
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Scope

- 1 We reviewed the Comprehensive Information security of critical BARC applications by performing VAPT (Vulnerability assessment and Penetration testing) and application security activities.
- 2 The review activities were performed both internally (on site) and externally.

Application	Internal Vulnerability Assessment	External Penetration testing	Application Security review
BARC INDIA web site	Y	Y	Y
Dashboard for deliver the respondent level viewership data	Y	Y	Y
Software for manage the Vigilance cases	Y	Y	Y
Software to investigate HH anomalies	Y	Y	Y
Software for ID conversion	Y	Y	Y
Linux Backoffice	Y	Y	Y
Integrated backoffice	Y	Y	Y
Software to investigate and track infiltration HH details	Y	Y	Y
Application to start with HH survey	Y	Y	Y
ERP System (financial data)	Y	Y	Y
Application to validate advertisements	Y	Y	Y
Digital Audience measurement application	Y	Y	Y
Repository for all ID data	Y	Y	Y
MDPL web site	Y	Y	Y
Survey application for HH TV details	Y	Y	Y
Dashboard to deliver the survey data	Y	Y	Y
Dashboard for deliver the viewership data	Y	Y	Y
Android Backoffice	Y	Y	Y
Television Audience measurement device	Y	Y	Y

Executive Summary

Application	Testing & Review	End Result
BARC INDIA web site	Yes	No new vulnerabilities found during reassessment.
Dashboard for deliver the respondent level viewership data	Yes	
Software for manage the Vigilance cases	Yes	
Software to investigate HH anomalies	Yes	
Software for ID conversion	Yes	
Linux Backoffice	Yes	
Integrated backoffice	Yes	
Software to investigate and track infiltration HH details	Yes	
Application to start with HH survey	Yes	
ERP System (financial data)	Yes	
Application to validate advertisements	Yes	
Digital Audience measurement application	Yes	
Repository for all ID data	Yes	
MDPL web site	Yes	
Survey application for HH TV details	Yes	
Dashboard to deliver the survey data	Yes	
Dashboard for deliver the viewership data	Yes	
Android Backoffice	Yes	
Television Audience measurement device	Yes	

Note: All Vulnerabilities are patched except few that do not have direct impact on the business and marked as low.



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