

# *Vulnerability Assessment and Penetration Testing*



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## Objective

1	The objective of this exercise was to assess the BARC India -Web Application defence 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-Box testing
2	Audit Type – Grey Box Testing

## 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.

Sr. No	Application	Internal VAPT	External Penetration testing	Application Security review
1	Asset Management Software	Y	Y	Y
2	BARC India Website	Y	Y	Y
3	Meter Management software	Y	Y	Y
4	Spot Monitoring Software	Y	Y	Y
5	Software for Insights for Music Channels by Viewership	Y	Y	Y
6	Software for Insights for News Channels by Viewership	Y	Y	Y
7	Application for RLD	Y	Y	Y
8	Software for Automation of Vigilance process	Y	Y	Y
9	ERP application for BARC	Y	Y	Y
10	ID management software	Y	Y	Y
11	Application for Data release	Y	Y	Y
12	ID conversion software	Y	Y	Y
13	Software for Task tracking for MDL employees	Y	Y	Y
14	Task Management application - Mobile	Y	Y	Y
15	Bar-O-Meter	Y	Y	Y

## Executive Summary

Sr. No	Application	Testing and review	End Result
1	Asset Management Software	Yes	No Vulnerabilities found during Retesting
2	BARC India Website	Yes	
3	Meter Management software	Yes	
4	Spot Monitoring Software	Yes	
5	Software for Insights for Music Channels by Viewership	Yes	
6	Software for Insights for News Channels by Viewership	Yes	
7	Application for RLD	Yes	
8	Software for Automation of Vigilance process	Yes	
9	ERP application for BARC	Yes	
10	ID management software	Yes	
11	Application for Data release	Yes	
12	ID conversion software	Yes	
13	Software for Task tracking for MDL employees	Yes	
14	Task Management application - Mobile	Yes	
15	Bar-O-Meter	Yes	

Note: All Vulnerabilities Were Patched

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# Thank you

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