



Monday, June 20, 2016

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Brainlab maintains a diverse network, with a variety of systems that provide internet-based services for customers to share medical images and collaborate with colleagues. Recognizing the risks that the network and applications of Brainlab face each day, the management team requested Foundstone Services to conduct a security review of the internet accessible applications, namely Quentry® & Quentry® for SRS Registry and also its associated web services. Quentry and Quentry for SRS Registry are internet-based services from Brainlab for medical image sharing and collaboration, which supports physicians throughout the referral, review, planning and treatment workflow, as well as to gather data for clinical research." This security assessment was concluded in May 2016 to evaluate the associated web service's exposure to known security vulnerabilities and to determine the extent to which the targeted systems were susceptible to an attack and a penetration from the Internet.

The assessment followed comprehensive methodology to provide a thorough security review of Quentry & Quentry for SRS Registry applications. The application review began with server configuration tests and application discovery steps to gather information. Foundstone conducted the bulk of the assessment, which consisted of input validation tests, impersonation (authentication and authorization) tests, and session state management checks. As a result, vulnerabilities were categorized into high, medium and low risk levels. Brainlab then worked on fixing the vulnerabilities followed by a retest by Foundstone. There were no High or Medium Risk findings observed during the retest and the application was assigned Grade A (Highly Secure).

Computer security is a relative concept. No computer network, system or application can be completely secure and no amount of testing can disclose all possible vulnerabilities. Accordingly, this letter is not a guarantee of the security of any computer system, including the applicable Brainlab systems; as such any reliance on this letter by any entity is at the sole risk of such entity.



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Exclusions:

- Black box nature of the assessment does not identify business logic vulnerabilities

Disclaimer

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Foundstone Services

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Professional Services Director



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