

Control Recommendations – Strengthen access controls with role-based access and multi-factor authentication – Encrypt patient data in transit and at rest using strong encryption – Establish reliable offsite backups with versioning and investigate DR options – Continuously monitor, log and analyze activity with SIEM tools – Isolate sensitive systems using network segmentation – Mandate regular security awareness training for all staff – Conduct external penetration tests and proactively remediate vulnerabilities – Establish a cybersecurity governance framework and conduct regular audits – Allocate necessary financial resources for implementation and maintenance Implementing these evidence-based controls would help optimize security and lower risks to an acceptable level over