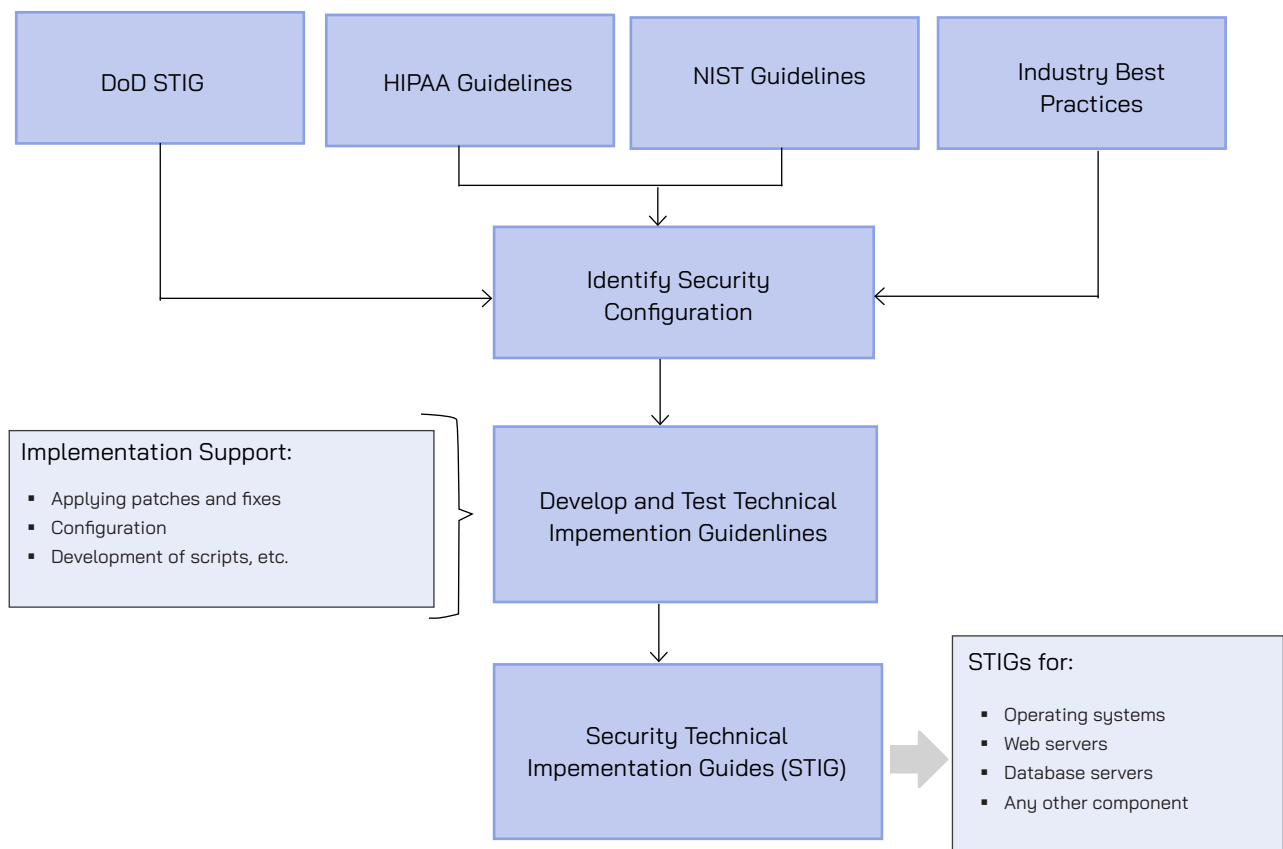


# Security testing for medical devices

## Business Challenge

- Client is a leading provider of medical diagnostics systems. Client required assistance in meeting DoD and FDA compliance on cybersecurity for its CT Scan devices.
- CitiusTech was selected to achieve the latest industry and government mandates, improve the overall security and compliance, by developing Security Technical Implementation Guides (STIGs) considering the type of systems under scope.

## SOLUTION SCHEMATIC



## CITIUSTECH SOLUTIONS

- Provided consulting service with implementation support for STIGs configuration standards of DoD.
- Developed and tested security scripts on secure installation procedure for CT scan.
- Designed and executed Patch management process as per FDA requirements for medical device manufacturers.
- Provided Linux OS hardening vis-à-vis FDA and DoD guidelines, Shell scripting to automate the system hardening process.

## VALUE DELIVERED

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Leveraged CitiusTech expertise in security testing and automation



Assisted the client to comply with new cyber security expectations from DoD/FDA for their diagnostic medical device



Performed security assessment of the implemented STIGs including automated and manual testing



Shaping Healthcare Possibilities

CitiusTech is a global technology services, consulting, and business solutions enterprise 100% focused on the healthcare and life sciences industry. We enable 140+ enterprises to build a human-first ecosystem that is efficient, effective, and equitable. Leveraging deep domain expertise and next-generation technologies including AI, Cloud, Data, and Intelligent Automation, we assist our clients in realizing their vision, accelerate transformation, and achieve business outcomes.

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