SQA CONSULTANT
Inventing the future....

IT Consultancy, Development & Testing

Your true outsourcing partner in consistently delivering quality products

Quality

Trust

Excellence

Transparency

Flexibility

As independent IT consultants, we offer end to end development and testing services focusing on delivering value at each step of the software development process.

By introducing our experience/expertise early on in the development process, we help organizations meet time to market deadlines by mitigating risks early in the process.
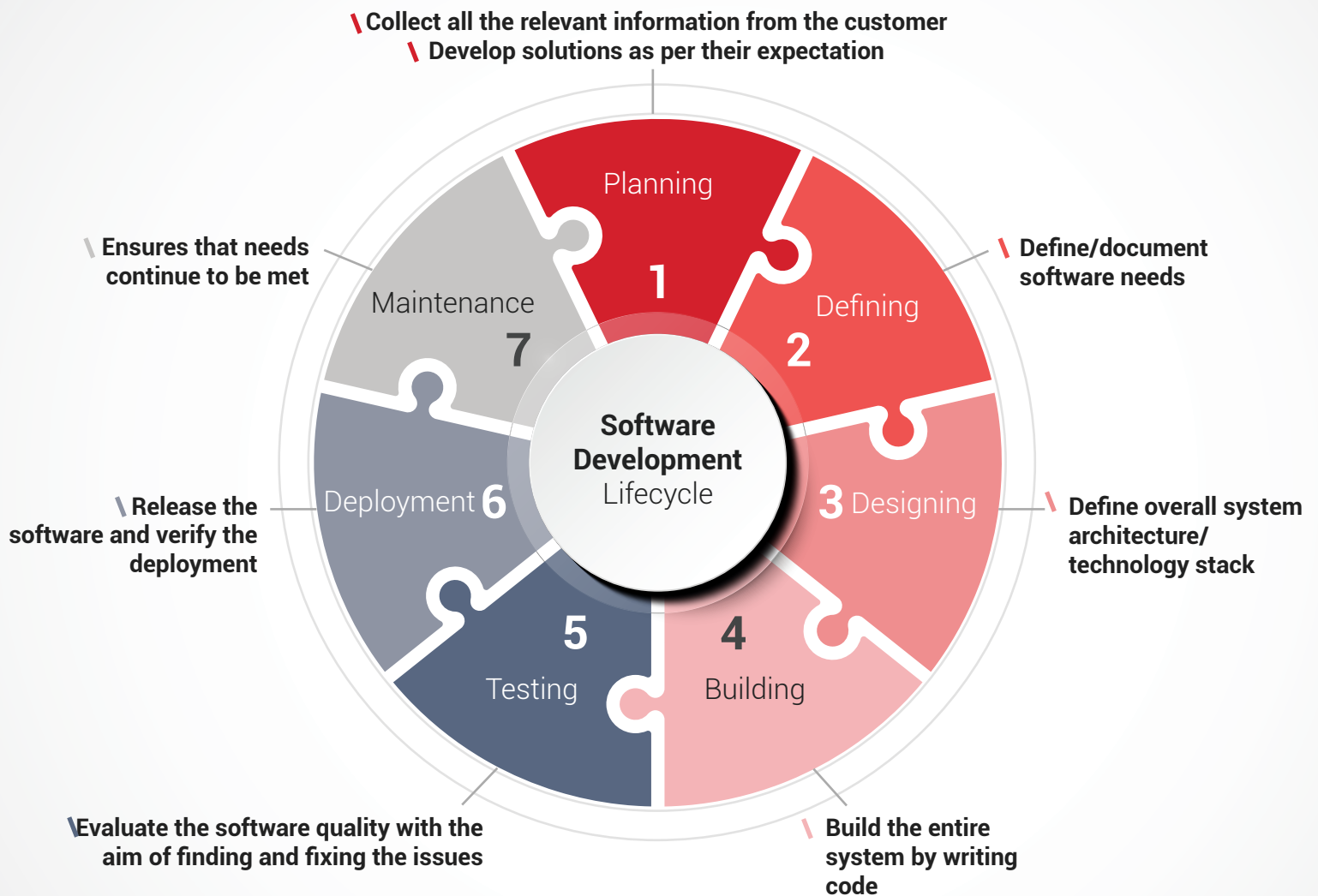
SQA Consultant acts as a Development Center of Excellence where knowledge, skills, tools, expertise and processes are shared among projects.

Since its inception, SQAConsultant has been providing 360-degree IT services to its clients; which include but are not limited to: software development, web development, mobile app development, infrastructure, cybersecurity/penetration testing, quality assurance, test automation, agency approval and operation support.

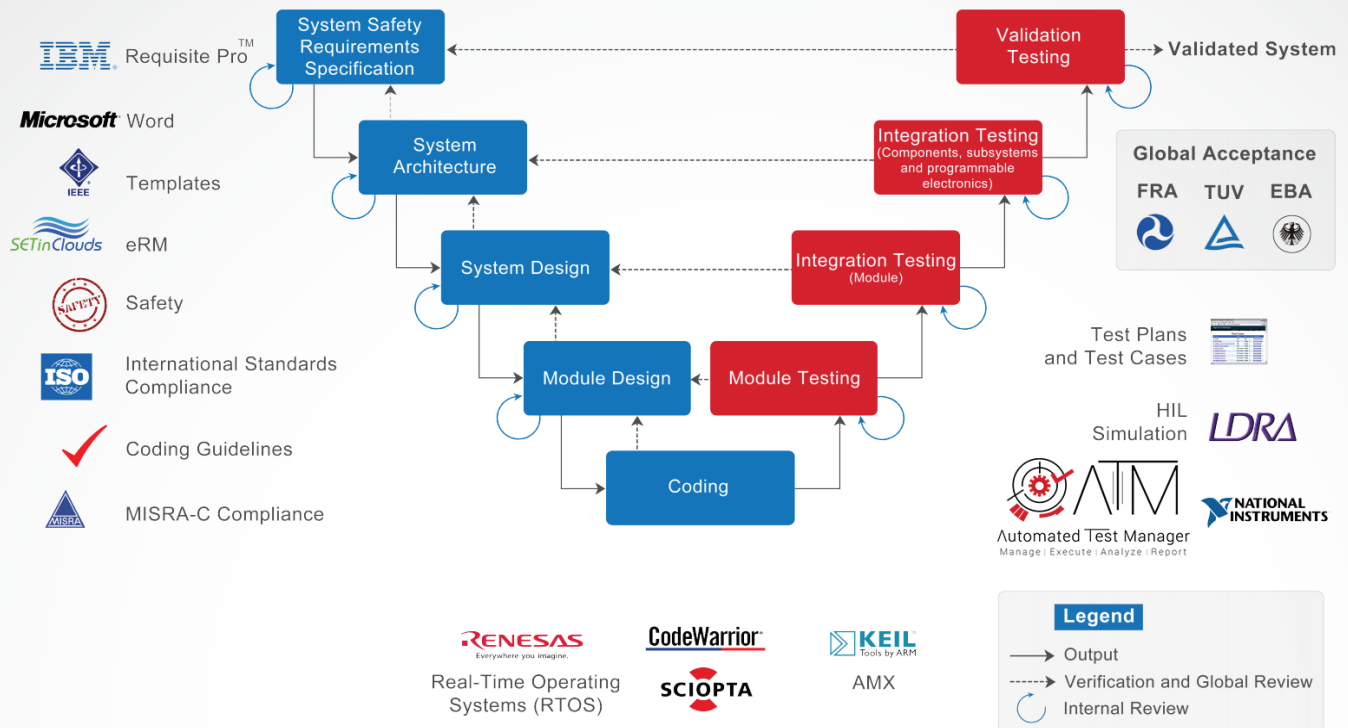| SQA Consultant advantages	Value for your business
1. Dedicated teams	1. Get absolutely independent and free -Team promotes collaboration and fast-paced services
2. Excellence in using latest tools and technologies	2. Be the first to market with our faster, better, and cheaper services
3. Transparency and relationship management	3. Make two-way communication, share the knowledge, keep the promises we make
4. Personal touch	4. Choose from the on-demand, managed, or end to end development models

Operating Procedure

SQA Consultant employ best practice processes and development methodologies for rapid building of cutting-edge technology solutions.

\ **Collect all the relevant information from the customer**
\ **Develop solutions as per their expectation**

\ **Ensures that needs continue to be met**

\ **Define/document software needs**

Software Development Lifecycle

Planning
1

Defining
2

Maintenance
7

3 Designing

Deployment **6**

5 Testing

4 Building

\ **Define overall system architecture/ technology stack**

\ **Release the software and verify the deployment**

\ **Evaluate the software quality with the aim of finding and fixing the issues**

\ **Build the entire system by writing code**

SQA Consultant is well aware of various software development models and mythologies e.g. Agile, V-model, incremental model, etc. - Based on the software application or product, SQA Consultant selects the type of development model that best suits to application/product.
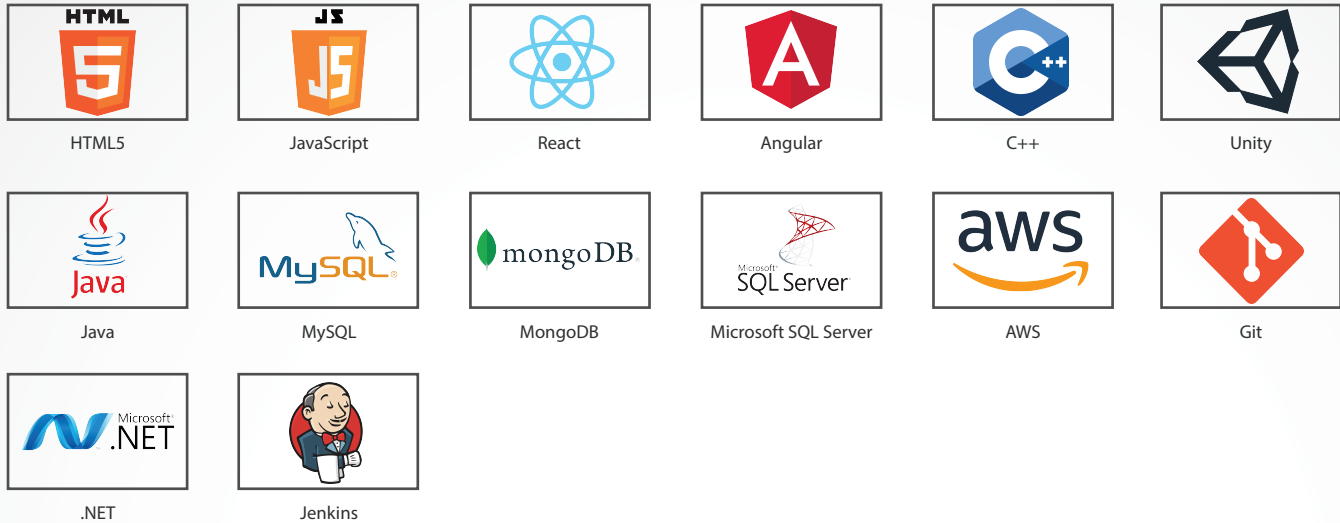
V Model

Core Services

- » Development
- » Testing
- » DevOps
- » Cybersecurity
- » Agency Approval
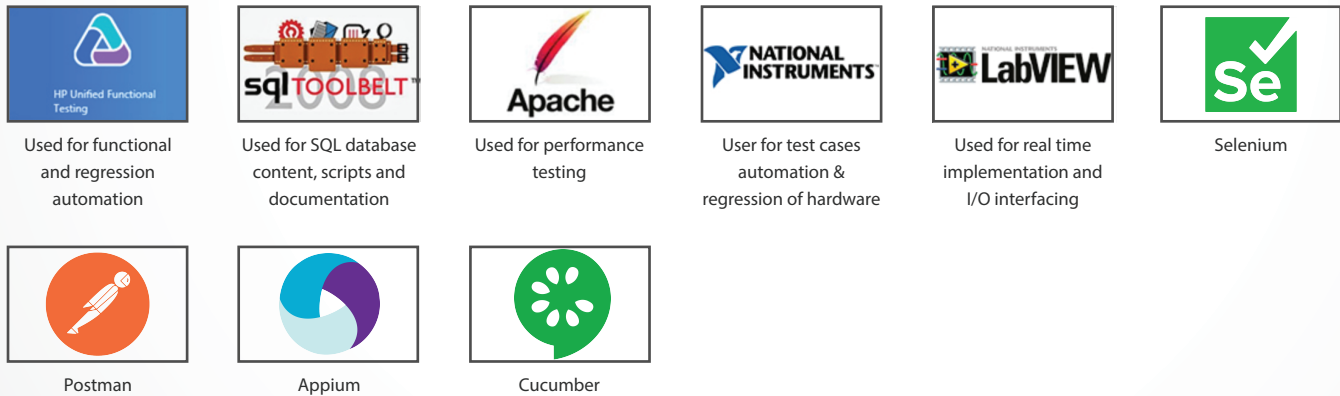- » Requirments Engineering
- » Project Management
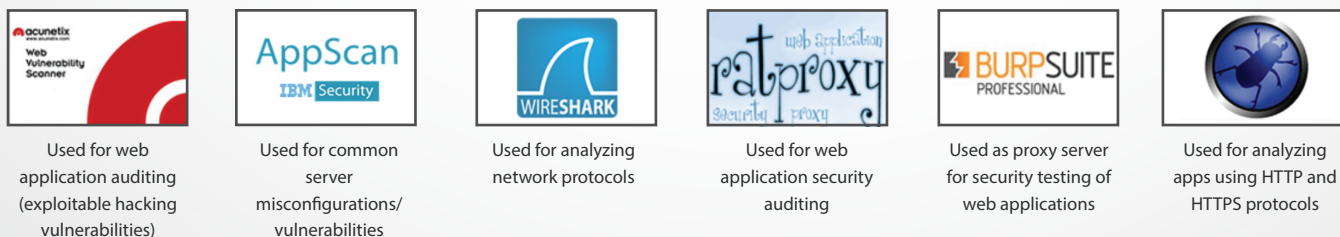
Tools and Technologies

Development Tools

HTML5	JavaScript	React	Angular	C++	Unity
Java	MySQL	MongoDB	Microsoft SQL Server	AWS	Git
.NET	Jenkins				

Testing Tools for Automation

Used for functional and regression automation	Used for SQL database content, scripts and documentation	Used for performance testing	User for test cases automation & regression of hardware	Used for real time implementation and I/O interfacing	Selenium
Postman	Appium	Cucumber			

Security Testing

Used for web application auditing (exploitable hacking vulnerabilities)	Used for common server misconfigurations/ vulnerabilities	Used for analyzing network protocols	Used for web application security auditing	Used as proxy server for security testing of web applications	Used for analyzing apps using HTTP and HTTPS protocols

Tools and Technologies

Security Testing

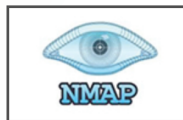| WEBGOAT	BRUTUS	JHijack	FOX Hacker
Used as teaching environment for web apps security	Used for remote password cracker	Used for session hijacking and parameter enumeration	Used for web apps security testing

Pen Testing

M	NMAP	OpenVAS	Nessus	x nexpose	Scapy
Used as a penetration testing framework for executing exploits on the target	User for network mapping, port scanning, services and OS identification	Used for vulnerability scanning and management	Used for network security scanning and vulnerability assessment	Used for vulnerability scanning and management	Python-based interactive packet manipulation program & library

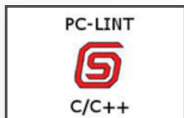|	Ettercap	KALI LINUX
Python based fuzzing engine used for fuzzing network protocols and file formats	Open source network security tool for man-in-the-middle attacks on LAN	Linux distribution used for advanced penetration testing and security auditing

Static Code Analysis Tools

PC-LINT C/C++	LDRA Software Technology	MATLAB	ModelSim Advanced Simulation and Debugging		AVR Studio 4
Used for verifying MISRA-C compliance	Used for comprehensive static and dynamic analysis of code	Used for PI & FUZZY controller design	Used for VHDL/Verilog code simulation	Used for controller, power electronics, and wind turbine system design	Used for simulation of firmware of AVR series microcontrollers

saleae	IAR SYSTEMS
USB logic analyzer for recording and analyzing both digital and analog signals	An IDE that includes a compiler and debugger for embedded systems and microcontrollers

Tools and Technologies

Static Code Analysis Tools

Used for code and documentation versions and tasks management	Used to maintain software versioning and revisions	Used for test management	Used for issues repository

Project Lifecycle Management

Used for project planning and tasks management	Used for application lifecycle management and mapping	Playbook is visual project management software which combines the lean, agile, and theory of constraints	Manage projects, automate processes, and scale up to enterprise-level programs and portfolios, all with one platform.

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Contact Us

Explore ways to use our expertise in growing your business while establishing a valuable partnership with us.

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