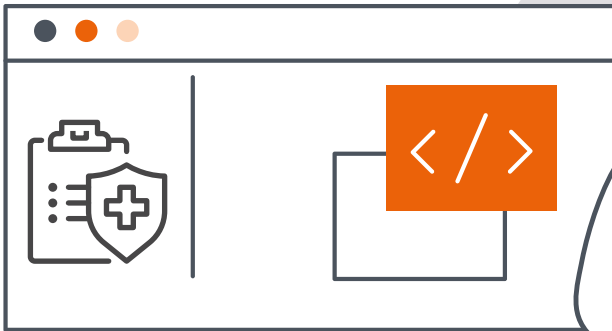


HEALTH CHECK



What are the key drivers behind a health check request?

- Legacy system
- Business continuity
- New software development
- Security

We look at 8 key aspects of how a system performs or meets the needs of the business:

- User experience
- Technology
- Interoperability
- Maintainability
- Supportability
- Scalability
- Data & analytics
- Security

If your business is suffering due to legacy systems causing unnecessary downtime then a systems health check is for you.

The criteria in this document form the basis of our standard Software Solved Health Check. We use a scoring system to help us develop a comprehensive systems roadmap that address the problem areas with a clear plan, reducing business disruption and helping the organisation to grow, thrive and compete.

If you are experiencing unnecessary and costly business downtime due to old or legacy systems, then get in touch.

Assess each stage based on levels to which each aspect of the system conforms:

MAINTAINABILITY

STAGE 1 Stable

STAGE 2 Maintainable

STAGE 3 Extensible

STAGE 4 Evolutionary

SUPPORTABILITY

STAGE 1 At risk

STAGE 2 Supportable

STAGE 3 Good

STAGE 4 Excellent

INTEROPERABILITY

STAGE 1 Is the system totally closed?

STAGE 2 Does it have minimal reporting functionality?

STAGE 3 Is it integrated to a certain degree? i.e. can it communicate with other systems beyond the organisational boundaries?

STAGE 4 Is there a programmatic interface inbound to the system? It is providing a service to other parties?

DATA & ANALYTICS

STAGE 1 **Reactive** – is sufficient data captured and analysed?

STAGE 2 **Informative** – is the data being governed and managed?

STAGE 3 **Predictive** – is the data being analysed 'predictive'?

STAGE 4 **Transformative** – is the data being analysed 'prescriptive'?

TECHNOLOGY

STAGE 1 Legacy

STAGE 2 Sustainable

STAGE 3 Mainstream

STAGE 4 State of the art

USER EXPERIENCE

STAGE 1 Is it functional?

STAGE 2 Is it useful?

STAGE 3 Is it seamless in its application across devices and in standardisation?

STAGE 4 Is it indispensable. Does it have the X Factor?

SCALABILITY

STAGE 1 Limited

STAGE 2 Satisfactory

STAGE 3 Progressive

STAGE 4 Broad

SECURITY

STAGE 1 **Static** – are the passwords stored as encrypted and of enough complexity?

STAGE 2 **Reactive** – consider the OWASP top 10 threats.

STAGE 3 **Proactive** – is the system continually maintained and assessed from a security standpoint?

STAGE 4 **Authority** – software professional's accreditation with a recognised body on secure coding.

