Software SOLVED

Systems 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 Software Solved Systems Health Check is for you.

The criteria listed later in this document form the basis of our standard Software Solved Health Check. Underneath the headline categories you see here are some fairly complex and in-depth scoring models. This helps us to develop a comprehensive systems roadmap going forward that addresses the problem areas with a clear plan for reducing business disruption and helping the organisation to grow.

If you are experiencing unnecessary and costly business downtime due to old or legacy systems, then call us on 01392 453344 or email us on hello@softwaresolved.com and one of our experts will be 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

Technology

STAGE 1	Legacy
STAGE 2	Sustainable
STAGE 3	Mainstream
STAGE 4	State of the Art

Supportability

STAGE 1	At Risk
STAGE 2	Supportable
STAGE 3	Good
STAGE 4	Excellent

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?

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?

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.

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'?