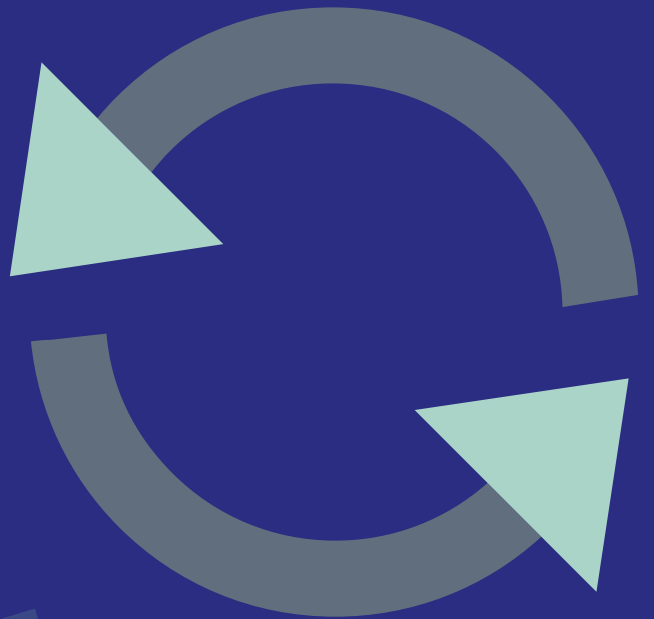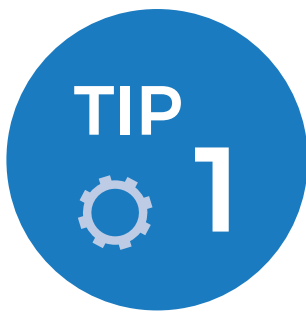# How to Replace Your LIS

How to Replace Your LIS

Many labs are reticent to replace their LIS. They may know that there are many benefits to doing so, but are often reluctant to initiate the process. However, the benefits of a fully functioning, modern LIS far outweigh the costs.

Here are a few tips to help you get started.

TIP 1

Look at compatibility

- Compatibility - does the new LIS meet the lab's workflow needs?
- Ease of use – how quickly can users get up to speed with the new system?
- Modules – does the LIS have the modules needed to support the lab work?

TIP 2
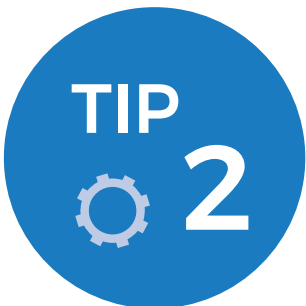
Existing hardware

- Not all LIS systems are built the same, so will you need to invest in new hardware to run a new LIS?
- Can you use existing workstations?
- Can you use existing servers?

COMP
ProMed

TIP ⚙ 3
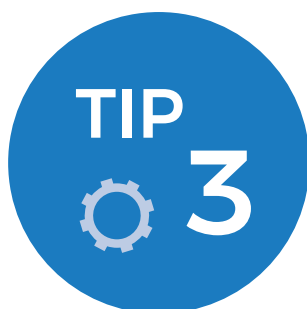
Experience and support

- Your lab will be relying heavily on the LIS vendor to make the transition as painless as possible.
- Their experience working with many different labs can have an impact on their ability to quickly and accurately assess your lab's needs.
- The location and responsiveness of the vendor support can be a huge factor. Timely support gets questions answered and limits downtime.

TIP ⚙ 4
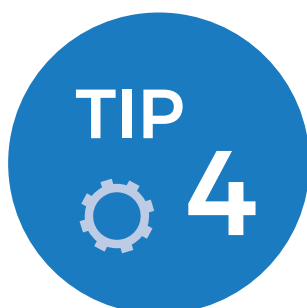
Data portability

- Where is your data currently stored?
- What data needs to port over to the new LIS?
- Are the data formats compatible?

COMP
ProMed™
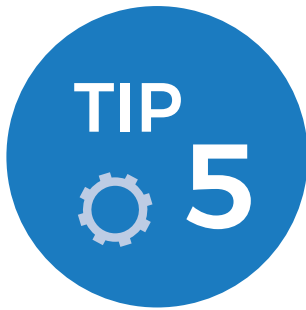
TIP 5 — Cost

- Price is just one part of cost.
- Value is a more accurate consideration. What are you getting for the price.
- What's the lifetime costs of the system. It's important to consider the total cost of ownership from the minute you sign on the dotted line to the expected life of the system.
- Opportunity costs. These are often overlooked costs as your staff gets involved implementing the new LIS, or disruptions from the change. A for-profit lab may be missing revenue opportunities during downtime.
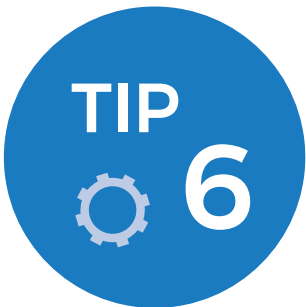
TIP 6 — Implementation time

- There is a wide variance in the time it takes to implement a new LIS from weeks to months
- How available is the LIS vendor?
- Does the vendor have a backlog?
- How available can your staff be to support the change?

LIS Replacement Worksheet

What is your current LIS?

When was your current system first implemented?

When was the last time your current system was upgraded?

What features of the LIS are most important to you?

How many Workstations will you need?

How many named users will you have?

What instruments will be interfaced to the LIS?

Make	Model

LIS Replacement Worksheet

Which system interfaces will be needed?

Type	Name of Interface

Will you be converting data from your legacy system?

Are you a single site facility?

How many outside or remote client accesses will you require?

Will you need a Web Portal?

Will you need other Modules? e.g. Pathology, Cytology, Microbiology, Toxicology, Blood Bank?

Do you need the Microbiology Module?

LIS Replacement Worksheet

Which, if any, microbiology instruments will you need interfaced?

Make	Model

Do you need Pathology functionality?

Do you desire report imagery?

Will you need voice recognition?

Notes / Comments