PlantVision

SMART LAB INFRASTRUCTURE

Greater lab digitization boosts lab performance

PlantVision helps you to identify and implement smart IT solutions that reduce complexity, boost efficiency, enhance long-term reliability and ensure data integrity.

Improving your lab IT infrastructure also means your personnel get back to generating results, instead of dealing with IT issues.

- Save time/costs relating to IT admin, support and maintenance
- Reduce risk of system crash
- Ensure data integrity in a secure IT environment
- Extend life cycle of current systems
- Simplify future change management

IS YOUR IT ENABLING OR DISABLING?

For almost every laboratory, large or small, there comes a point when IT goes from being a purely enabling force to being an increasingly disabling one. IT begins consuming an unreasonable amount of time and resources, and becomes a risk to lab productivity.

It is not the fault of the lab manager. It's simply the natural consequence of accumulating new analysis instruments over an extended period of time.

A laboratory is primarily focused on generating results, so keeping the suite of instruments working reliably is a top priority. However, this becomes increasingly difficult as time goes by. While an instrument may be designed for 12-15 years of operation, the IT hardware and software supporting it are not.

As a lab manager you end up with a wide array of different IT-hardware, operating systems and applications. In some cases, operating systems may be three or four generations out of date and no longer supported, while IT-hardware is so old that finding replacement parts becomes extremely difficult.

The lab's IT environment no longer meets the company's IT standards and policies. So, the IT department withdraws its support. Lab instruments are operated as separate 'islands' outside the company firewall. You are forced to allocate your own personnel and resources to maintain the lab's IT infrastructure, with each instrument requiring its own support, back-up and maintenance routines.

All the time, the risk of a serious system or IT-hardware crash is increasing. Lab personnel spend more and more time on IT admin and support, developing their own customized routines in order to maintain quality assurance and satisfy the lab's ISO 17025 accreditation.

Finally, you come to realize that the time, effort and costs needed to run the lab's IT solutions are no longer reasonable. Something needs to be done.

PlantVision AB
Kista Science Tower
SE-164 51 Kista
Tel:08-50 30 45 50
Fax:08-50 30 45 90
info@plantvision.se
www.plantvision.se

THE GOAL

PlantVision is the ideal partner for organizations who recognize the above scenario. With our support you can transform your IT solution into a smarter, more manageable form that consumes less time and resources.

We help to reduce complexity, reduce risk, and ensure data integrity within a secure IT environment with greater long-term reliability.

Ultimately, we help you to stop focusing on IT issues and get back to the business of generating results.

WHY WORK WITH PLANTVISION?

PlantVision has many years of experience delivering integrated IT solutions in laboratory environments. Experienced consultants have an intimate knowledge of the operational requirements and quality standards that need to be met. This includes working with validated systems in strictly regulated industries.

At PlantVision, our extensive experience and long term perspective ensure that solutions make both an immediate impact and continue to generate value over their entire life cycle.

WHAT YOU GAIN

We help you to gain a better understanding of your IT infrastructure and identify where and how it can be improved. The resulting solution is unique to your organization. It meets your specific requirements and delivers improvements in three areas:

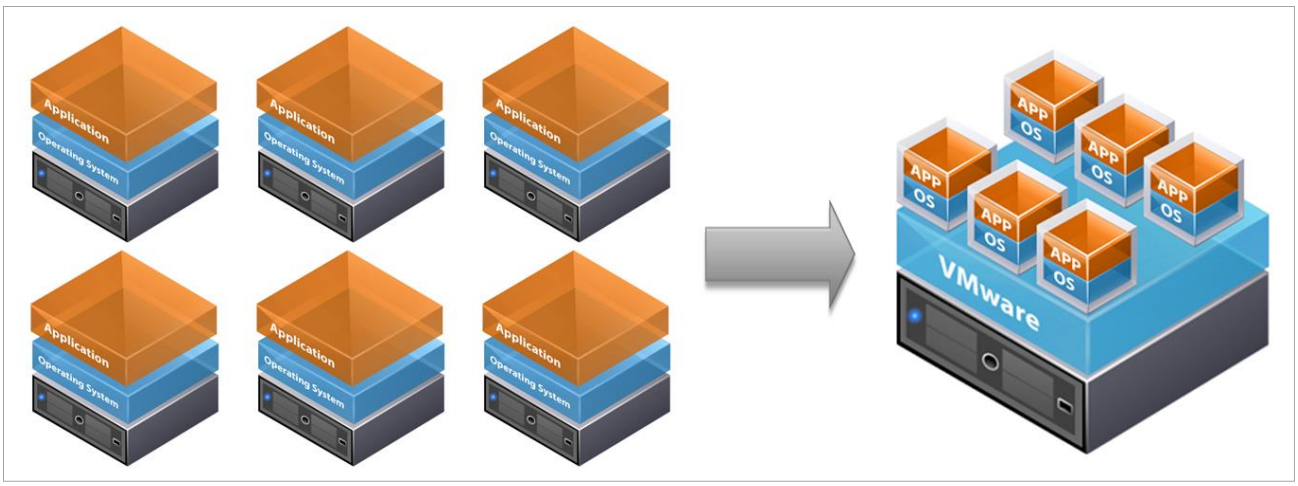
- Standardizing IT architecture to reduce risks and improve compatibility and longevity;
- Rationalizing systems to reduce costs and complexity; and
- Harmonizing processes to increase efficiency.

For example, consider a company with six gas chromatography instruments acquired over a ten-year period. Instead of running these six systems on separate computers, they could all be run from a single server using a unifying data software program. As well as the technology advantages gained this would also free up a considerable amount of floor space.

Another possibility that offers many benefits is virtualization – either of part, or all, of the IT environment. Virtualization overcomes the problem of unreliable IT-hardware without needing to make any changes to current working applications.

With virtualization, software is separated from the physical IT-hardware. Virtual machines running your current programs all operate on a standard platform. This enables vast improvements to services in the areas of security; backup & restore; disaster & recovery; support; monitoring; life cycle management; and change management.

IT virtualization reduces risk and complexity. Virtual machines run on a standard platform providing a more secure IT environment and greater opportunities for support and maintenance.



PlantVision

HOW YOU BENEFIT

- Time and cost savings due to improved admin, support and maintenance routines
- Reduced risk of a serious system or IT-hardware crash
- Greater instrument availability and faster response times when issues occur
- An extended investment life cycle for current systems – and greater flexibility for planning future investments and upgrades
- Greater possibilities to ensure data integrity
- Easier quality assurance and instrument testing for meeting quality accreditations
- Quicker, simpler and less expensive change management
- A shift to smart technologies with improved system security – systems can be reconnected to the organization's other IT networks
- Regain the trust and support of your organization's IT department
- Free your lab personnel to focus on lab activities, rather than IT problems

GETTING STARTED

Developing an optimal solution for your organization needs to begin with INSIGHT into your current situation and the goals to be achieved. The initial phases of a project usually include the following:

Audit – a survey of your current lab IT infrastructure, including an inventory of all current instruments and software.

Workshops & interviews – a review of current issues, routines, stakeholders and resources, etc., in order to identify key challenges and opportunities, highlight risks, and establish project goals and objectives.

Solution proposal – a proposal detailing our recommendations for improving your IT infrastructure, the changes required and the value return you can expect.

In every case, you can be confident that solutions will be tailored to meet your organization's specific needs and they will continue to generate value over their entire life cycle.

Get in touch and find out how your organization could benefit from a Smart Lab IT solution.