

## Pharma 4.0 Series: Innovating in an Aging Facility: 5 CQV Considerations for Integrating New Tech into Existing Facilities

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The push towards Pharma 4.0 has generated a plethora of new and exciting opportunities for companies to increase efficiency and boost innovation.

While many companies are eager to reach Pharma 4.0, adopting and integrating new technologies into existing and sometimes aging facilities does not come without its challenges. However, that does not mean [bringing your facility into the future](#) is impossible.

With a systematic and thoughtful approach, companies looking to implement new technologies can achieve success. Here are five CQV considerations to make:



### 1. What new technology are you looking to implement?

Companies striving for Pharma 4.0 may be overwhelmed by all the new technologies available. Deciding what you are implementing into your existing facility will inform the rest of your decisions, which is why it's an essential first step.

To begin, determine what point in the product lifecycle you'd like to enhance: R&D, manufacturing, testing, filling, packaging, or any other area. Then, figure out your goals. What are you trying to accomplish? What are the current issues you're facing that you want to ease?

Asking yourself these questions will help you and your team select the solution best suited for your needs.

### 2. Will it affect facility design?

Assessing the impact of new technology on an existing facility's design is of the utmost importance. Evaluate the facility and the requirements of installing this new technology and see where they intersect.

Will you need to make updates? Is your space large enough? Are there any safety concerns? Addressing these questions is vital to successful implementation.

### 3. Will it impact your workforce?

It's important to consider how integrating new technology will affect your already existing workforce. Depending on the situation, hiring new professionals who possess in-depth knowledge and experience with the new tech may be necessary. Some companies also choose to utilize [CQV staff augmentation](#).

Introducing new technology may also necessitate the promotion of some positions with further training or eliminate other jobs that automation will replace.

### 4. Is revalidation necessary?

Depending on which technology you're implementing, you should take stock early in the project and determine whether the process will require revalidation or not. If revalidation is necessary, you may want to consider where this technology aligns with your business objectives.

What's the financial cost of revalidation? What will the return on investment (ROI) look like? Ensure your decisions align with your goals and vision.

### 5. What are the security risks and how can you overcome them?

Implementing new technology often comes with unique risks pertaining to security. Taking this into account from the get-go and employing preventative measures such as installing a firewall will help you protect your data from cyberhackers.

Also, if your company doesn't already have a sophisticated IT infrastructure, you may need to update or install servers, network connections, and controllers.

## Looking to bring your current facility into the future?

With the right approach, integrating new technology is not only possible but creates lasting, positive change within your facility.

Our [team of experts](#) is ready to help your company find the perfect solution and methodology to achieve CQV success before, during, and after the transition.

[Integrate New Tech](#)