QUALIZEAL

Why is Quality Engineering Important for the

Healthcare Sector

Quality engineering is important for the healthcare sector because it **helps ensure that healthcare products and services meet the high standards of safety and effectiveness that are critical in this field**. In the healthcare industry, where the stakes are high and the consequences of errors can be severe, it is essential to deliver high quality products and services in order to protect the well-being of patients.

There are several specific areas where quality engineering can be particularly impactful in the healthcare sector:

Medical devices:

Quality engineering can help ensure that medical devices are reliable, effective, and safe for use. This is particularly important given the potential consequences of device failures or defects.

Clinical trials:

Quality engineering can help ensure that clinical trials are conducted in a controlled and ethical manner, with appropriate safeguards in place to protect the safety and well-being of participants.

Electronic health records:

Quality engineering can help ensure the accuracy and security of electronic health records, which are critical for providing high quality patient care.