



Whitepaper
Health Check
(CMMI)

2025



Health Check (CMMI)

Digitization has now made it onto the agenda of German hospital managers - almost 90% state that they have a digitization strategy.

In order to provide targeted support for these strategies, we have developed a **CMMI maturity model** together with the **Ostbayerische Technische Hochschule Amberg-Weiden (OTH)**. This model helps to better **evaluate decisions** and **investments** in hospitals and **drive them forward** in a goal-oriented manner.



Advantages of CMMI: the key to efficiency and quality in healthcare

Comprehensive process assessment

Integration of innovative technologies

Economic efficiency & improved quality

Increase in organizational skills

Continuous improvement

Efficient use of resources

CMMI: Capability Maturity Model Integration

CMMI is a **maturity model** for assessing processes in hospitals based on **best practices** that goes far beyond previous concepts and not only covers innovative technologies and digital solutions but also considers their impact in terms of cost-effectiveness and quality in practice.

CMMI is based on the principle that the development process used essentially determines the quality of the resulting product.

CMMI helps to significantly improve an organization's ability to develop complex systems of high quality.

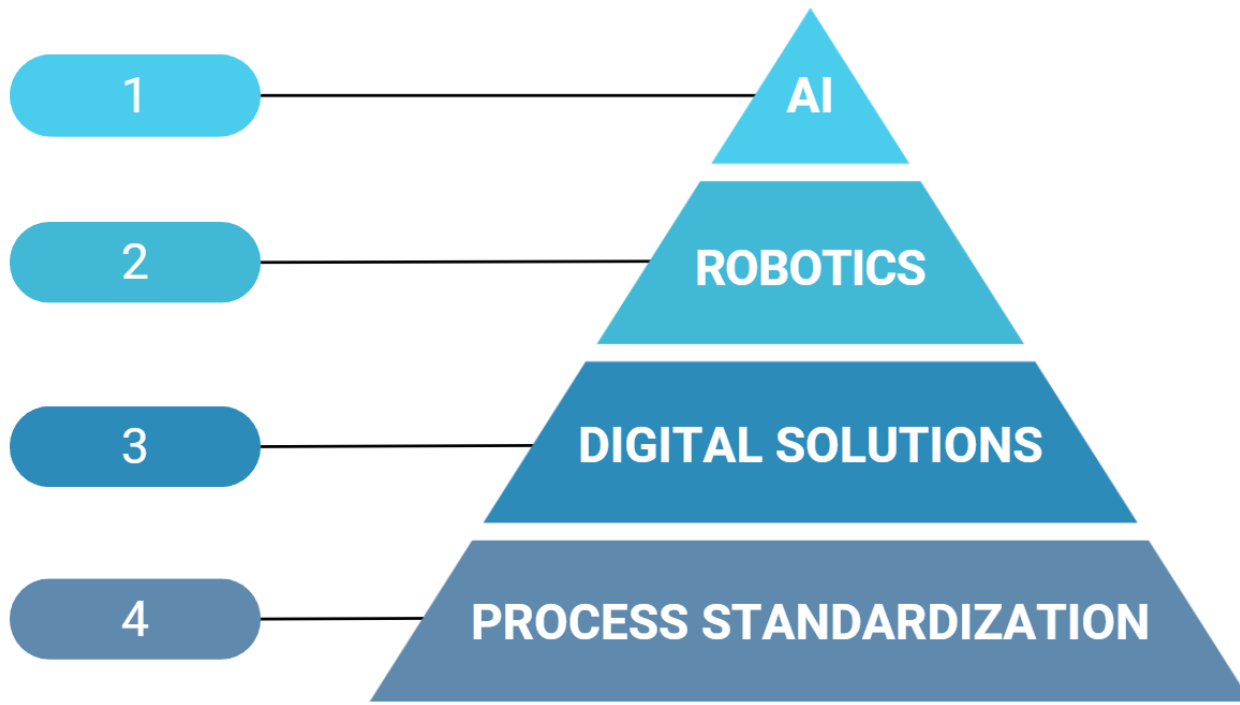
Problem statement

Facilities often do not know their processes and therefore do not have an overview of their process costs.

Due to a lack of time and resources, it is very difficult for hospitals to carry out regular internal evaluations, so decisions about high investments are often made on the basis of incomplete information.

With the introduction of a CMMI process maturity model, we can provide your healthcare facility with a **transparent overview of the process landscape**.





AI = Artificial Intelligence

The **systematic approach** of the CMMI maturity model makes it possible to effectively implement the **digitization strategies of your healthcare facility** and thus future-proof your organization.

Das CMMI – Maturity Model: Key Facts

The multi-stage CMMI maturity model consists of five successive stages or maturity levels that provide a structured path for process improvement.

The method enables an **objective process evaluation** by taking both quantitative and qualitative aspects into account.

The maturity model **systematically evaluates** core processes as well as supporting processes through a **benchmark-based analysis**.

Based on scientific findings, **well-founded action recommendations** for targeted investments are made.

Best practices for maturity assessment in the healthcare sector

The best practices that need to be implemented in order to achieve a maturity level are structured into so-called process areas.

These process areas are clearly assigned to the maturity levels and address topics from the categories of **process management**, **project management**, **development** and **support**.

To assess the criteria, a comprehensive **questionnaire** is used to survey various groups of people in the hospital. This survey is carried out using an online questionnaire and personal interviews.

This evaluation method can be used in the **outpatient and inpatient areas** and offers the opportunity to show the difference between the current and potential state of care in a structured manner.

Our approach is divided into four central steps

1. Data collection

2. Data evaluation

3. Assignment to maturity level

4. Recommendations for action

Our value for you

- ✓ **Well-founded investment decisions:** As IFOHRA, we provide you with comprehensive information that enables you as a healthcare facility to make informed decisions for future investments.
- ✓ **Resource-friendly evaluations:** Facilitating internal evaluation even with limited resources and time.
- ✓ **Identifying strengths and weaknesses:** Through our CMMI analysis, we help you to optimize the efficiency of your processes.
- ✓ **Creating transparency:** We promote a clear insight into workflows and support your organization in understanding its processes.
- ✓ **Process costs always in view:** We enable your institution to obtain a comprehensive overview of its process costs.

IFOHRA **supports you in both operational and strategic corporate decisions** on the basis of recommendations for action from our scientific models.

Your contact partner

IFOHRA GmbH combines expertise from industry and the healthcare sector to implement innovative and people-centered solutions to increase efficiency in the healthcare market.

As a spin-off of the Medical Valley, IFOHRA has **a cross-industry partner network**, such as the Ostbayerische Technische Hochschule Amberg-Weiden, MSE-Solution PointOut and others.

We are also developing long-term technology plans in the area of **5G infrastructure** and **the digitalization** of clinical processes.

The Medical Valley is one of the most dynamic ecosystems in the healthcare industry, both **nationally** and **internationally**.



Contact

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Frequently asked questions

Here you will find answers to frequently asked questions about the Health Check (CMMI)

Which problems are solved with the CMMI Maturity Model?

- Frequent lack of process transparency
- This results in a lack of overview of ongoing process costs
- Identification of process strengths and weaknesses

What are the advantages for your organization?

- Process transparency
- Unbiased/neutral assessments
- Comparability (benchmarks)
- Derivation of recommendations for action

What steps does the Health Check (CMMI) involve and what is the time frame for this process?

- The survey takes place via an online questionnaire and personal interviews
- 2-4 days with good preparation and availability of contact persons
- Total project duration about 4 weeks, of which about 4 days on site at the clinic

Why IFOHRA?

- Scientific and objective survey method
- Comprehensive overview of technologies and processes in the healthcare sector
- Experienced interdisciplinary team from healthcare and industry
- IFOHRA creates transparency and works with you to identify the strengths and weaknesses of your processes