

# T Health



## AI-ASSISTED REPORTING

**SOVEREIGN AI FOR HEALTHCARE**

For hospitals, radiology departments and clinical units

# CREATE REPORTS FASTER. STANDARDIZE QUALITY. RELIEVE STAFF IN A TARGETED WAY.

Radiology reports are still largely created manually today. Dictations must be structured, formalized and converted into standardized formats. This process is time-consuming and prone to inconsistencies. At the same time, patient volumes continue to rise. Inconsistent report formats make comparison, quality assurance and traceability more difficult.

AI-assisted reporting complements physician input into structured, ready-to-review reports – controlled, standardized and operated in a sovereign environment.

## YOUR CHALLENGES



### **Manual report creation**

Radiology dictations must be reviewed, structured and formally validated.



### **Lack of standardization**

Inconsistent report formats hinder comparability and quality assurance.



### **Time and efficiency pressure**

Increasing examination volumes reduce the available time per report.



### **High regulatory requirements**

Radiological data requires secure processing, clear access controls and traceable documentation.

# THE SOLUTION: AI-ASSISTED REPORTING

Our solution, “AI-assisted reporting”, currently in development, automatically complements physician dictations or inputs into structured and consistent reports – going beyond simple speech recognition.



## Context-based report complement

The AI analyzes content semantically and structures reports according to defined templates and clinical guidelines – not just as transcripts.



## Standardized and customizable templates

Report formats can be configured based on guidelines and adapted to specific clinical requirements to ensure consistency and comparability.



## Validated documentation support

Suggestions are presented transparently and remain fully reviewable. Final approval always remains with medical staff.



## Seamless integration

The solution integrates into existing health content management systems such as synedra HCM, as well as into cloud or on-premises environments without any media disruption.



## Vendor-neutral AI integration

Third-party AI analyses, such as imaging AI solutions, can be integrated directly into the reporting workflow – without vendor lock-in.



## Sovereign security architecture

The solution runs in a secure infrastructure with role-based access, audit logging and full data sovereignty. Patient data is not used for external training and remains protected.

→ **Overall result:** Structured, consistent and review-ready radiology reports – created faster and fully traceable.

# YOUR BENEFITS



## Reduced time per report

Automated structuring significantly reduces manual post-processing effort.



## Higher documentation quality

Standardized formats improve consistency, comparability and patient safety.



## Reduced error risk

Transparent, reviewable suggestions reduce inconsistencies and rework.



## Scalable future foundation

The platform enables the integration of additional AI capabilities such as imaging analysis or decision support.



## Your next step

T-Systems supports you from use case definition to productive rollout.

**Start your AI transformation now – sovereign, secure, and measurably effective.**

Experience AI-assisted reporting in a demo or book an AI workshop to get started.

[www.t-systems.com/health](http://www.t-systems.com/health)

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