

To make sure that you are in alignment with the requirements, please download the test cases from the resources folder.

Please check HIS/EMR maturity level by taking SAT on the SAT Playbook multiple times (downloadable from resource folder). You can submit the SAT on the portal only once, so proceed carefully, as the final results will reflect your product maturity and define the scope of testing.

Organisation: Softcure Technology Llp

Application No.: T-DH2/2024/N00033

Reference ID: DH2/2024/00033

HIS

EMR

Core

Commitment

Achievement

Excellence

SAT Maturity Level Result

Maturity Level Requirements

AAC

COP

MOM

DAC

DOM

FPM

HRM

IMS

* PLEASE SELECT THE APPROPRIATE RESPONSE FROM THE CHECK BOX

COP.1. THE SYSTEM MANAGES CONSULTATION SERVICES IN OPD AND IPD.

COP 1.f. The system has the capability to generate Computerized Provider Order Entry (CPOE) for laboratory tests.

- ☐ 0: The system does not have the capability to allow medical practitioners to place laboratory orders for patients, to create Computerized Provider Order Entry (CPOE).
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☒ 10:The system is fully compliant as per the requirements mentioned in the objective and has the capability to allow medical practitioners to place laboratory orders for patients, to create Computerized Provider Order Entry (CPOE).

COP 1.g. The system has the capability to generate Computerized Provider Order Entry (CPOE) for radiological examinations.

- ☐ 0: The system does not have the capability to allow medical practitioners to place radiology orders for patients, to create Computerized Provider Order Entry (CPOE).
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☒ 10:The system is fully compliant as per the requirements mentioned in the objective and has the capability to allow medical practitioners to place radiology orders for patients, to create Computerized Provider Order Entry (CPOE).

COP 1.i. The system creates order sets (laboratory and diagnostics) based on the patient's diagnosis.

- ☐ 0: The system does not have the capability to enable repeated laboratory & diagnostic orders to become order sets based on selected diagnosis.
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. For example (not limited to): The system shows a list of frequently prescribed tests but does not create an order set. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☒ 10:The system is fully compliant as per the requirements mentioned in the objective and has the capability to enable repeated laboratory & diagnostic orders to become order sets based on selected diagnosis.

COP 1.k. The system notifies treating medical practitioners when placing duplicate orders.

- ☐ 0: The system does not have the capability to notify treating medical practitioners while placing duplicate orders for their patients.
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☒ 10:The system is fully compliant as per the requirements mentioned in the objective and has the capability to notify treating medical practitioners while placing duplicate orders for their patients.

COP 1.m. The system sends alerts in case of critical test results.

- ☐ 0: The system does not have the capability to send alerts in case of critical study/test results.
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. For example (not limited to): The system is able to capture and record the critical study/test results but does not send any alerts / notifications to the relevant stakeholders. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☒ 10:The system is fully compliant as per the requirements mentioned in the objective and has the capability to send alerts in case of critical study/test results.

COP 1.n. The system allows medical practitioners to access past medical records within the healthcare organization.

- ☐ 0: The system does not have the capability that allows medical practitioners to access past records.

- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☒ 10: The system is fully compliant as per the requirements mentioned in the objective and has the capability to allow medical practitioners to access past medical records.

COP 1.o. The system has the capability to link patient's health records to their ABHA.

- ☐ 0: The system does not have the capability to link patient's health records to their ABHA number/address.
- ☐ 5: The capability is present partially, however the certificate is not available.
- ☒ 10: The system is fully compliant as per the requirements mentioned in the objective and has the capability to link patient's health records to their ABHA number/address. The certificate is available and will be submitted.

COP 1.p. The system provides access to a patient’s past medical records through ABHA.

- ☐ 0: The system does not have the capability to provide access to a patient’s past medical records through ABHA.
- ☐ 5: The capability is present partially, however the certificate is not available.
- ☒ 10: The system is fully compliant as per the requirements mentioned in the objective and has the capability to provide access to a patient’s past medical records through ABHA. The certificate is available and will be submitted.

COP.3. THE SYSTEM SUPPORTS BLOOD TRANSFUSION SERVICES.

COP 3.b. The system should support the calculation of turnaround time.

- ☒ 0: The system does not have the capability to support the calculation of turnaround time.
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. For example (not limited to): The system has the capability to capture the start time and end time of blood component requests, but does not particularly calculate the turnaround time. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☐ 10: The system is fully compliant as per the requirements mentioned in the objective and has the capability to support the calculation of turnaround time.
- ☐ NA

COP 3.c. The system manages the stock of blood and blood components.

- ☒ 0: The system does not have the capability to monitor the availability of blood units, verify requisitions, manage dispatch times efficiently, effectively manage their inventory, track blood donations and transfusions, and generate essential reports.
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. For example (not limited to): The system has certain capabilities such as to monitor the availability of blood units, manage their inventory, track blood donations and transfusions but does not cover several functionalities such as verifying requisitions, managing dispatch times, and generating essential reports. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☐ 10: The system is fully compliant as per the requirements mentioned in the objective and has the capability to monitor the availability of blood units, promptly verify requisitions, manage dispatch times efficiently, effectively manage their inventory, track blood donations and transfusions, and generate essential reports.
- ☐ NA

COP 3.d. The system supports safe transfusion of blood/blood components and captures blood transfusion related incidents.

- ☒ 0: The system does not have the capability to capture blood transfusion related incidents.
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. For example (not limited to): The system has the capability to maintain records of blood transfusions but does not log the errors. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☐ 10: The system is fully compliant as per the requirements mentioned in the objective and has the capability to maintain blood transfusion-related incidents, including errors during transfusions.
- ☐ NA

COP 3.e. The system has the capability to check bloodstock information through the Unified Health Interface.

- ☐ 0: The system does not have the capability to check bloodstock information through the Unified Health Interface.
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☐ 10: The system is fully compliant as per the requirements mentioned in the objective and has the capability to check bloodstock information through the Unified Health Interface.
- ☒ NA

COP.4. THE SYSTEM MANAGES EMERGENCY AND MEDICO-LEGAL CASES.

COP 4.a. The system manages registration and record maintenance of patients in emergency department.

- ☐ 0: The system does not have the capability to manage & record information of patients in an emergency department.

- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☒ 10: The system is fully compliant as per the requirements mentioned in the objective and has the capability to manage & record information of patients in an emergency department.

COP 4.b. The system has the capability to label a case as a medico-legal case (MLC).

- ☐ 0: The system does not have the capability to label a case as a medico-legal case.
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☒ 10:The system is fully compliant as per the requirements mentioned in the objective and has the capability to label a case as a medico-legal case.

COP 4.c. The system supports monitoring and transmissions of patient’s information from ambulance to the emergency department.

- ☒ 0: The system does not have the capability to monitor and transmit the patient-centric information from ambulances to the emergency department.
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. For example (not limited to): The system has the capability of supporting checklists which can be filled in by the staff digitally, but does not have the capability to transmit the information from the ambulances to the Emergency department. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☐ 10: The system is fully compliant as per the requirements mentioned in the objective and has the capability to monitor and transmit the patient-centric information from ambulances to the emergency department.

COP.6. THE SYSTEM HAS THE CAPABILITY TO RECORD THE SURGICAL/ PROCEDURE SAFETY CHECKLIST IN OPERATING ROOMS/WARDS/OPD.

COP 6.c. The system maintains records of patient consent.

- ☒ 0: The system does not have the capability to capture patient consent.
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☐ 10: The system is fully compliant as per the requirements mentioned in the objective and has the capability to capture and record patient consent.

COP.7. THE SYSTEM MANAGES DIETARY CONSULTATION AND SPECIFIC NUTRITIONAL THERAPY.

COP 7.a. The system captures dietary screening, manages dietary consultation and maintains records where relevant.

- ☐ 0: The system does not have the capability to record & manage dietary consultation services provided to a patient.
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☒ 10:The system is fully compliant as per the requirements mentioned in the objective and has the capability to record & manage dietary consultation services provided to a patient.

COP 7.b. The system maintains a record of the therapeutic diet given to inpatients.

- ☐ 0: The system does not have the capability to offer and maintain a record of diverse dietary options, catering to individual needs, preferences, and allergies, including specialized dietary requirements for each patient undergoing treatment.
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. For example (not limited to): The system has limited diet options that cannot be customized. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☒ 10: The system is fully compliant as per the requirements mentioned in the objective and has the capability to offer and maintain a record of diverse dietary options, catering to individual needs, preferences, and allergies, including specialized dietary requirements for each patient undergoing treatment.

COP.8. THE SYSTEM TRACKS AND MONITORS ALL INFECTION PREVENTION AND CONTROL RELATED ACTIVITIES AND SENTINEL EVENTS.

COP 8.b. The system supports the healthcare organization’s antimicrobial usage policy.

- ☒ 0: The system does not have the capability to enforce the healthcare organization’s antibiotic usage policy.
- ☐ 5: The capability has been demonstrated but there is a deviation from the requirements mentioned in the objective. For example (not limited to): Antibiotic policy is available on the healthcare organization's system but the system is not capable of enforcing the policy. A few examples of common errors are mentioned in the guidelines (non-exhaustive). If any of the common errors are experienced, a score of 5 should be given.
- ☐ 10:The system is fully compliant as per the requirements mentioned in the objective and has the capability to enforce the healthcare organization’s antibiotic usage policy.

COP.12. THE SYSTEM PROVIDES A CLINICAL DECISION SUPPORT SYSTEM.

COP 12.c. The system triggers an alert for notifiable diseases as required by the health department.

- ☒ 0: The system does not have the capability to automatically trigger an alert upon documentation of diagnoses of events required to be reported to a Government department.
- ☐ 5: The system has the capability to record the diagnoses or event required to be reported but is not developed enough to automatically trigger an alert. In case any of the common errors mentioned in the guidelines are experienced, a score of 5 should be given.
- ☐ 10:The system has the capability to automatically trigger an alert upon documentation of diagnoses of events required to be reported to a Government department.
- ☐ NA