

Use Case for AI-Powered Automated Healthcare Claims Attachment Processing



Problem/Opportunity Summary

- **Current Challenge:**

The traditional process of attaching healthcare claims involves manual handling, including collecting, scanning, and submitting paper documents. This method is not only time-consuming but also prone to errors and inconsistencies. In many cases, insufficient or missing documentation leads to claim denials or delays in reimbursement, causing significant financial and operational challenges for healthcare providers.

Proposed Solution: Saisystems Technology's AI Solution

- **Process Overview:**

- ▶ **Starting Point:** The process begins either before a claim is submitted to the payor or when a claim is denied for additional documentation.



End Point/Output: The solution ensures the identification and submission of all required documents, leading to the successful processing of claims.

- **Key Features:**

- ▶ **Document Identification and Determination:** Using AI to identify the types of documents required based on diagnosis codes.
- ▶ **Document Classification:** AI algorithms classify documents received or already present in the system.
- ▶ **Rule Matrix Analysis:** The system uses a rule matrix to identify all required or missing documents for each claim.
- ▶ **Document Bundling:** Automatically creates a bundle of documents to be attached to each claim.
- ▶ **User-Friendly Portal:** Develops a portal for providers and staff to upload, view, and manage claim attachments.
- ▶ **Automated Submission:** Facilitates the submission of claims with all necessary documentation.

Value to the Customer/User

- **Faster Claims Processing:**
Significant reduction in the time taken to process claims.
- **Reduction in Denials:**
Decreased rate of claim denials due to complete and accurate documentation.
- **Cost Savings and Efficiency:**
Reduced operational costs and increased efficiency in claims processing.

Risks/Dependencies

- **Integration Complexity:**
Integrating the solution with existing Electronic Health Records (EHRs), practice management systems, and payer portals may be complex and resource-intensive.

Estimated Timeline

- **POC/MVP Development:**
Estimated timeline for the development of a Proof of Concept or Minimum Viable Product is between 6 months to 1 year.

Conclusion

By leveraging AI, Saisystems Technology aims to revolutionize the process of healthcare claims attachment, offering a solution that not only enhances operational efficiency but also brings substantial cost savings and reduction in claim denials for healthcare providers. With the right marketing approach, this technology can be positioned as an indispensable tool in the healthcare industry.

