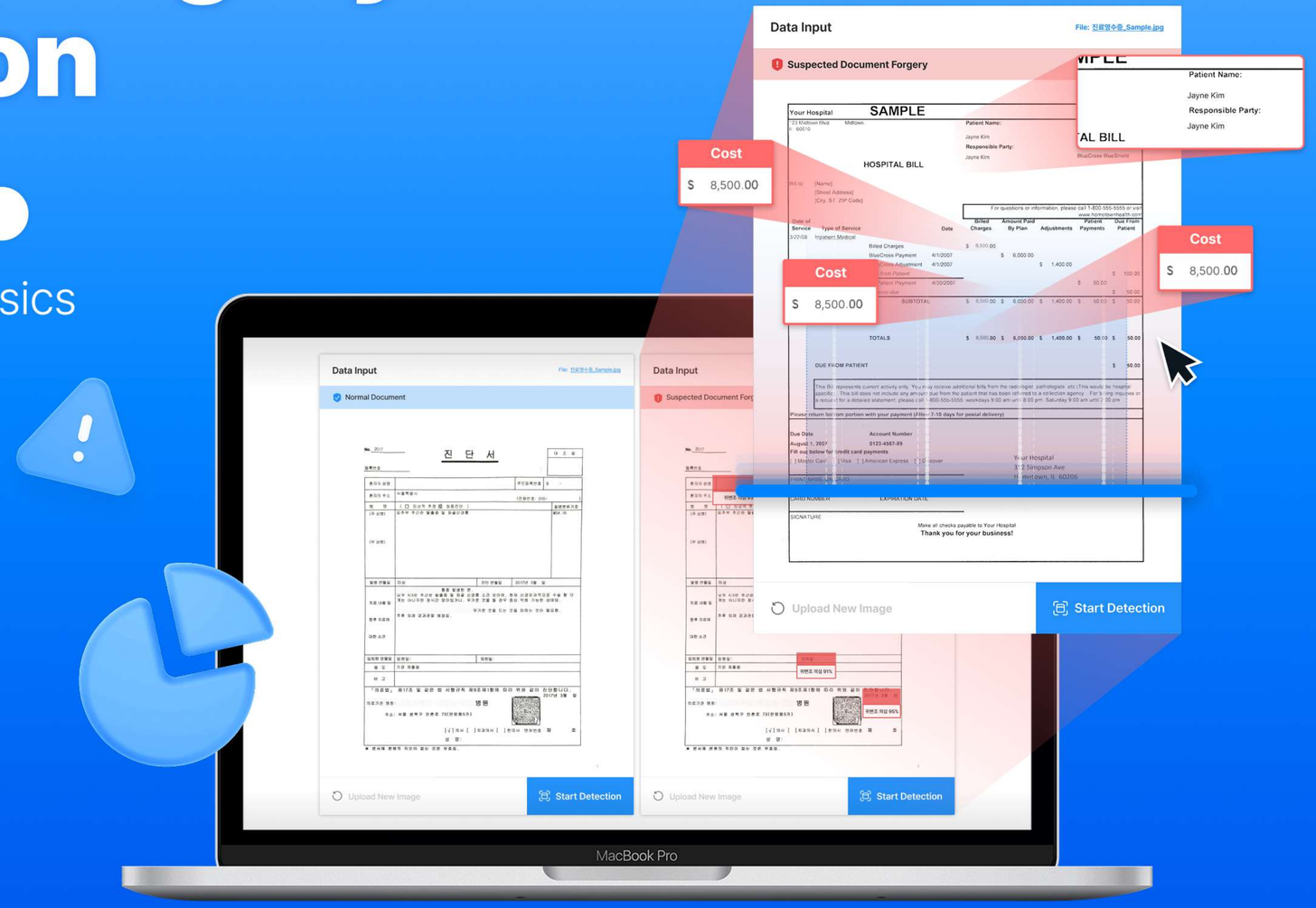
For Insurance Company

NoriS Document Forgery Detection Solution

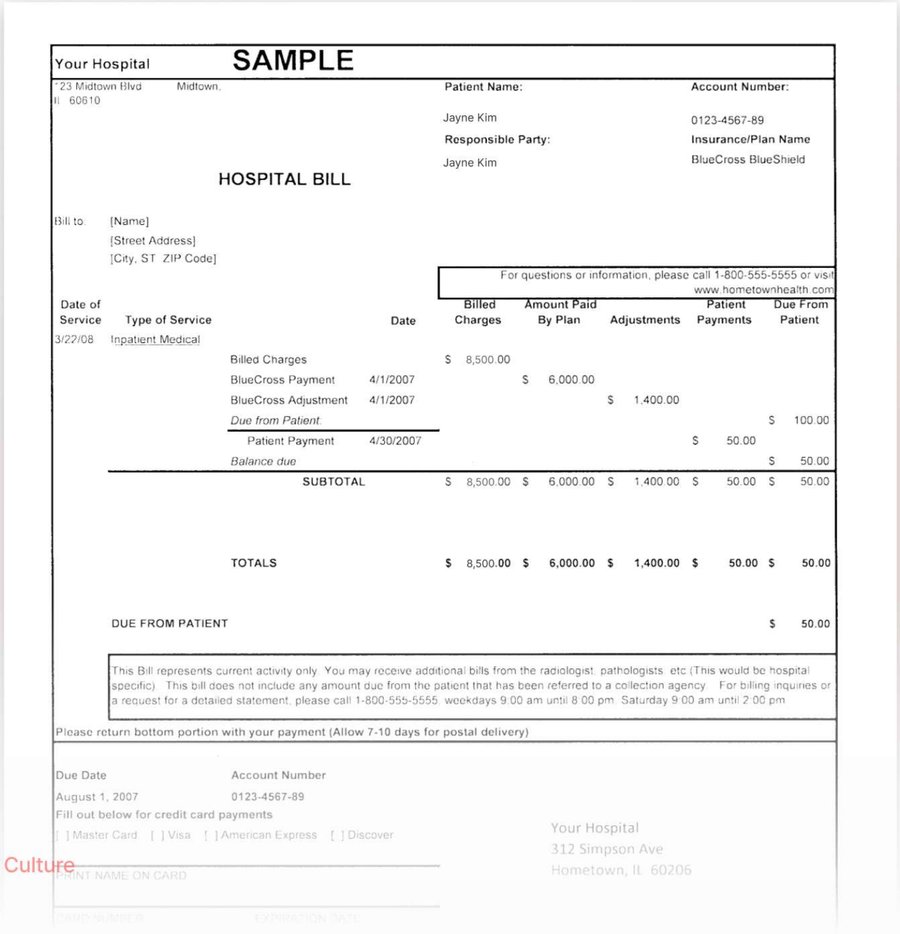
#Insurance Fraud #Digital Document Forgery #Financial Fraud

A Real-Time Engine Leveraging Image Forensics
to Identify Tampering in Digital Documents



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Can You Spot the Forged Documents?



Your Hospital **SAMPLE**

123 Midtown Blvd Midtown, IL 60610

Patient Name: Jayne Kim

Account Number: 0123-4567-89

Responsible Party: Jayne Kim

Insurance/Plan Name BlueCross BlueShield

HOSPITAL BILL

Bill to: [Name] [Street Address] [City, ST ZIP Code]

For questions or information, please call 1-800-555-5555 or visit www.hometownhealth.com

Date of Service	Type of Service		Date	Billed Charges	Amount Paid By Plan	Adjustments	Patient Payments	Due From Patient
3/22/08	Inpatient Medical							
		Billed Charges		$ 8,500.00				
		BlueCross Payment	4/1/2007		$ 6,000.00			
		BlueCross Adjustment	4/1/2007			$ 1,400.00		
		Due from Patient						$ 100.00
		Patient Payment	4/30/2007				$ 50.00	
		Balance due						$ 50.00
		SUBTOTAL		$ 8,500.00	$ 6,000.00	$ 1,400.00	$ 50.00	$ 50.00
		TOTALS		**$ 8,500.00**	**$ 6,000.00**	**$ 1,400.00**	**$ 50.00**	**$ 50.00**

DUE FROM PATIENT $ 50.00

This Bill represents current activity only. You may receive additional bills from the radiologist, pathologists, etc (This would be hospital specific). This bill does not include any amount due from the patient that has been referred to a collection agency. For billing inquiries or a request for a detailed statement, please call 1-800-555-5555, weekdays 9:00 am until 8:00 pm, Saturday 9:00 am until 2:00 pm

Please return bottom portion with your payment (Allow 7-10 days for postal delivery)

Due Date: August 1, 2007 | Account Number: 0123-4567-89

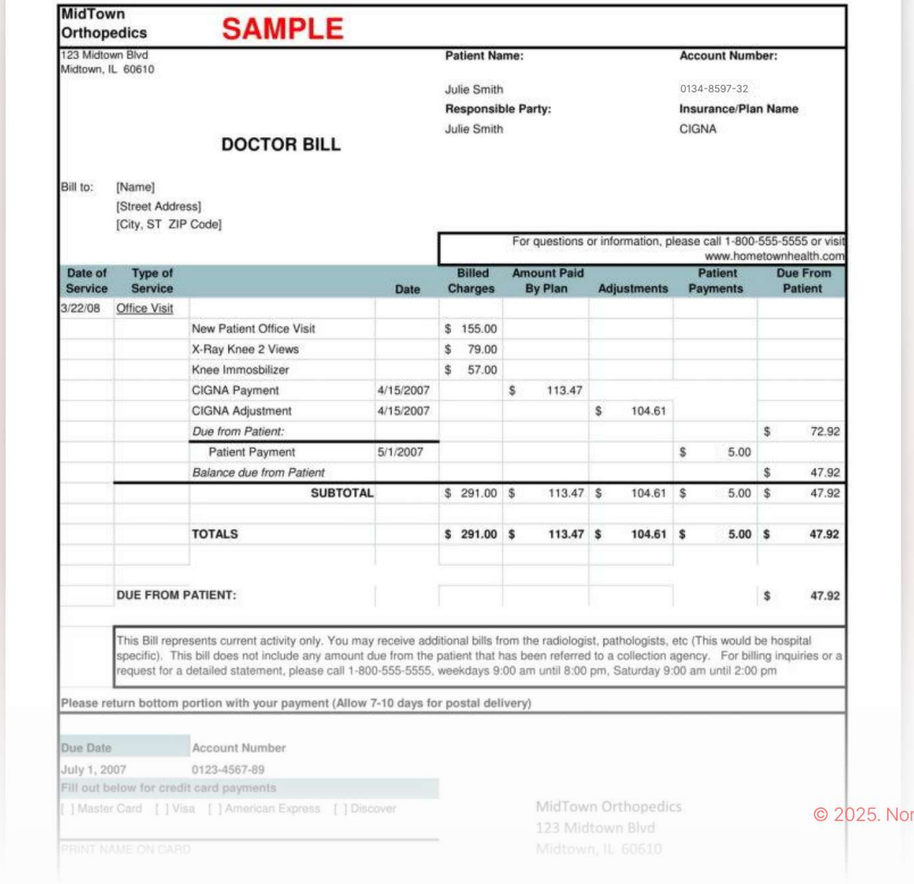
Fill out below for credit card payments

[ ] Master Card [ ] Visa [ ] American Express [ ] Discover

PRINT NAME ON CARD

CARD NUMBER EXPIRATION DATE

Your Hospital
312 Simpson Ave
Hometown, IL 60206



MidTown Orthopedics **SAMPLE**

123 Midtown Blvd Midtown, IL 60610

Patient Name: Julie Smith

Account Number: 0134-8597-32

Responsible Party: Julie Smith

Insurance/Plan Name CIGNA

DOCTOR BILL

Bill to: [Name] [Street Address] [City, ST ZIP Code]

For questions or information, please call 1-800-555-5555 or visit www.hometownhealth.com

Date of Service	Type of Service		Date	Billed Charges	Amount Paid By Plan	Adjustments	Patient Payments	Due From Patient
3/22/08	Office Visit							
		New Patient Office Visit		$ 155.00				
		X-Ray Knee 2 Views		$ 79.00				
		Knee Immosbilizer		$ 57.00				
		CIGNA Payment	4/15/2007		$ 113.47			
		CIGNA Adjustment	4/15/2007			$ 104.61		
		Due from Patient:						$ 72.92
		Patient Payment	5/1/2007				$ 5.00	
		Balance due from Patient						$ 47.92
		SUBTOTAL		$ 291.00	$ 113.47	$ 104.61	$ 5.00	$ 47.92
		TOTALS		**$ 291.00**	**$ 113.47**	**$ 104.61**	**$ 5.00**	**$ 47.92**

DUE FROM PATIENT: $ 47.92

This Bill represents current activity only. You may receive additional bills from the radiologist, pathologists, etc (This would be hospital specific). This bill does not include any amount due from the patient that has been referred to a collection agency. For billing inquiries or a request for a detailed statement, please call 1-800-555-5555, weekdays 9:00 am until 8:00 pm, Saturday 9:00 am until 2:00 pm

Please return bottom portion with your payment (Allow 7-10 days for postal delivery)

Due Date: July 1, 2007 | Account Number: 0123-4567-89

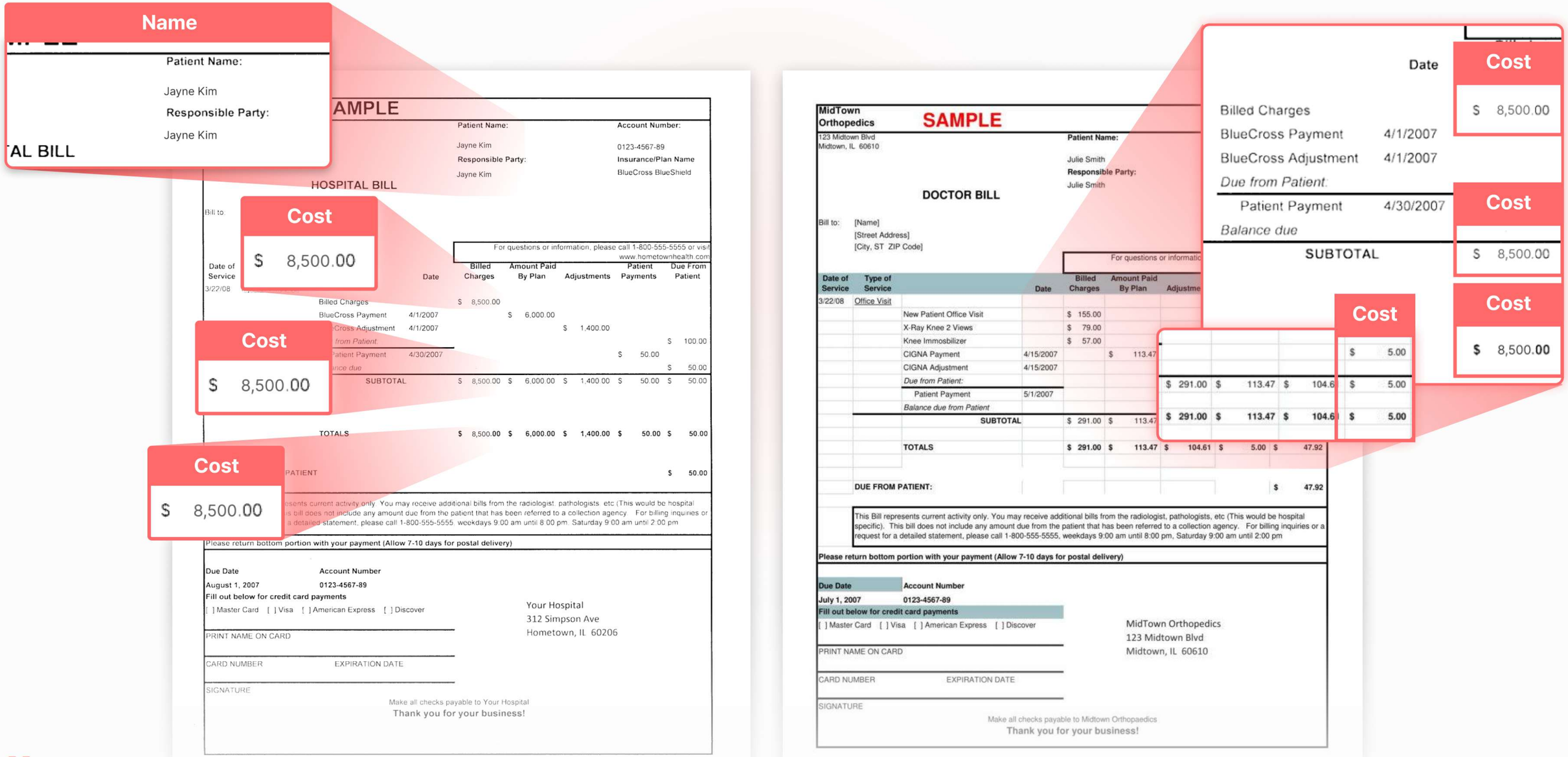
Fill out below for credit card payments

[ ] Master Card [ ] Visa [ ] American Express [ ] Discover

PRINT NAME ON CARD

MidTown Orthopedics
123 Midtown Blvd
Midtown, IL 60610

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Only less than 10% of forged documents are detected by the human eye

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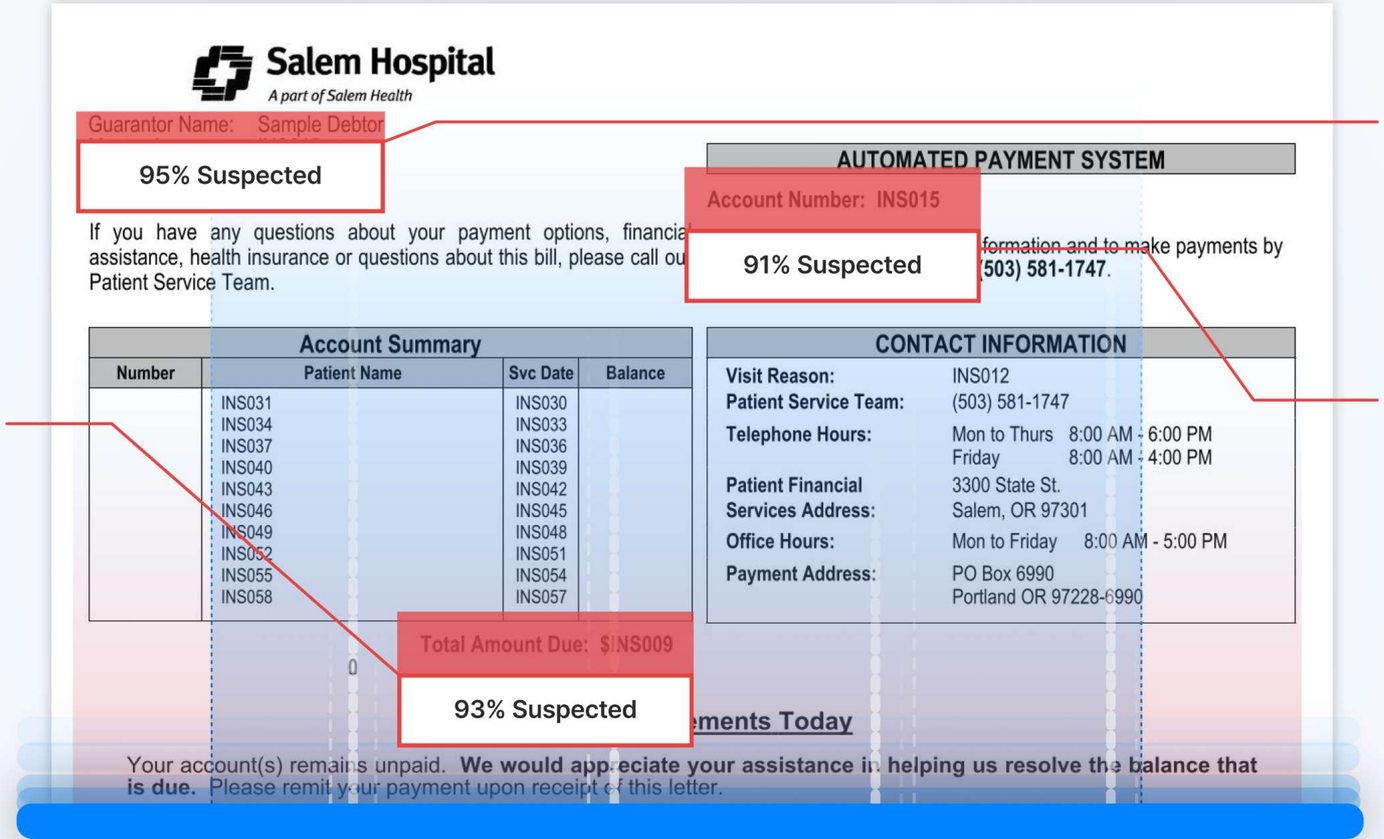
A Specialized Solution for Digital Forgery Detection

A Real-Time Engine Leveraging Image Forensics to Identify Tampering in Digital Documents

Template-Free | **Format-Agnostic** | **Language-Independent** | **Globally Scalable**

Splicing

Pasting content
from another image
(e.g., patient names, numbers)



Copy Move

Copying and pasting parts of
the same document
(e.g., numbers, amounts, dates)

Inpainting

Tampering by filling in
or erasing specific areas

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Analyzes both the traces of tampering and the contextual logic within documents

01

Data Attribute Validation

Logical consistency check of document metadata and structural attributes

02

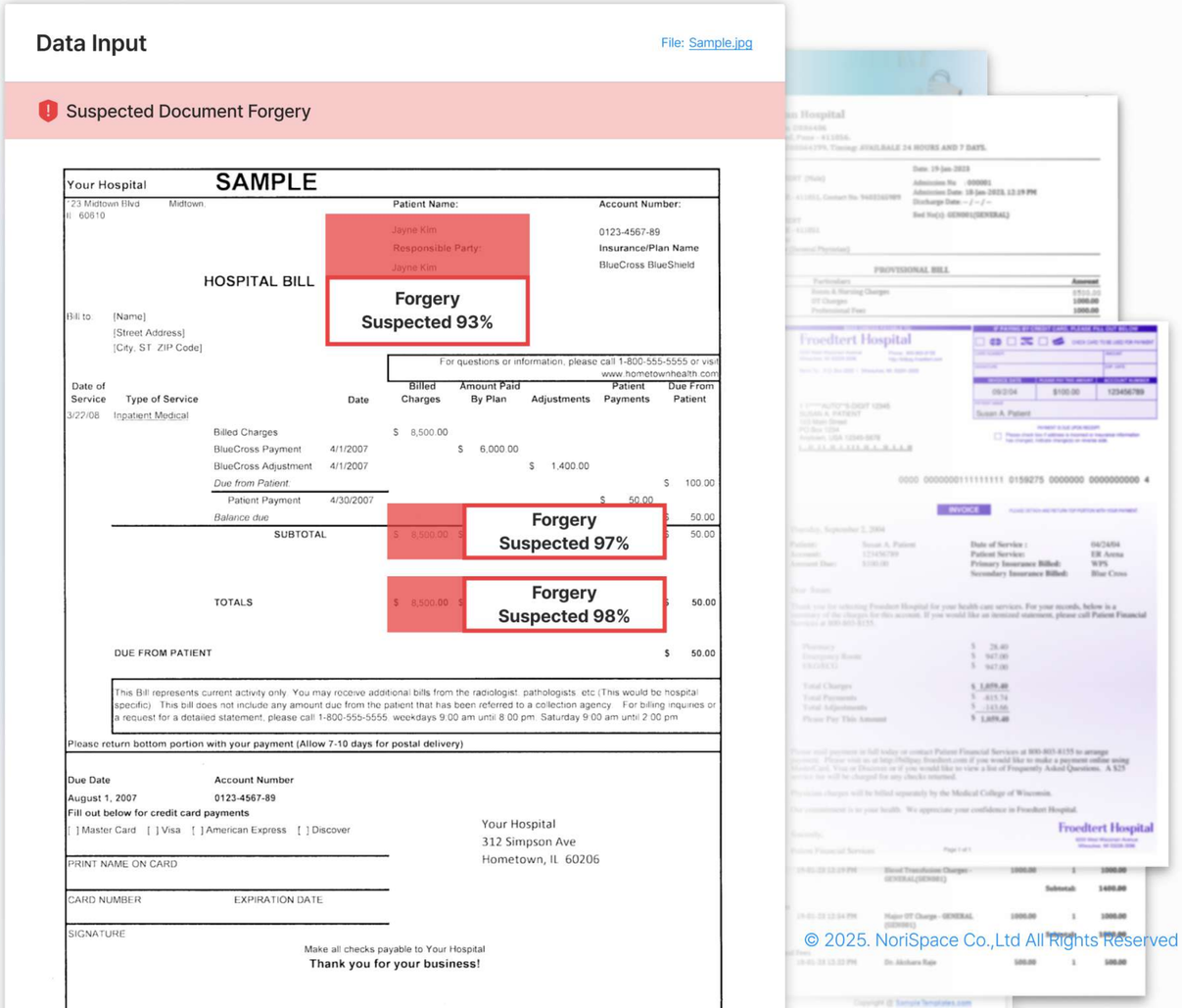
Image Forensics

Texture-level analysis to detect visual manipulations or alterations

03

Cross-DB Verification

Detection of relational anomalies across database fields and tables (under enhancement)



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Streamlined and Powerful Forgery Scanning Process

1sec
Less than 1sec

$0.01
$0.01 per page

Zero Integration Friction

84.3%
Base Model Accuracy 84.3%

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Work reinvented, Powered by NoriSpace

Automation in Fraud Detection

Where rules end, real detection begins

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