

# Virtual Drop-out for Claims



- Enhance alignment and recognition by more than 500% for black-white claims.
- No need to configure.
- Performs multiple image perfection functions in one pass.
- Technology built on over 30 years delivering high-performance, high-throughput solutions processing over 4 billion pages annually.
- Available as an easy-to-integrate runtime application through a simple .NET API.

## Image Quality Issues Kill Automation

Many BPOs and insurers have little control over image quality and black-and-white claims are still a significant part of submitted claims. The associated issues result in poor quality text along with slight variations in field location. All of these problems conspire to increase data entry costs and results in requiring near 100% data entry and/or verification.

## Breakthrough Performance

Using a variety of deep learning algorithms and trained on tens of thousands of “hard case” claims, Parascript Virtual Drop-out eliminates practically every problem associated with non-red-drop-out forms.

## Significantly Improve Alignment

When claim forms cannot be properly identified or aligned, recognition fails as a result. Virtual Drop-out can improve alignment to over 95% meaning more forms go to OCR.

## Improve OCR Results by Ridding Pre-printed Text

Presence of pre-printed text or other form structures can significantly impact the accuracy of OCR results. If fields are too close to other text or if entered data is printed over form structures, OCR often fails.

Virtual Drop-out removes the most amount of pre-printed form structure and can do it on the most-difficult scanned documents. This results in an over 500% improvement of achieving OCR results.

## No Need to Rip-and-Replace

Organizations have spent a lot of money on existing automation and it works great for red drop-out. Virtual Drop-out makes it easy to use your existing OCR and other automation software by bringing poor quality black-white claims to the level of red drop-out meaning you can now automate the “last mile” of the process that often represents greater than 80% of your remaining costs. Just add it to your capture workflow right before your OCR. That's it.

## Simple API

Adding Virtual Drop-out is the easiest way to significantly improve your claims OCR processes. The API is easy to use and integrate with all image perfection functions performed automatically; there is no need to configure or tune.

# Virtual Drop-out for Claims



Turn this...

Into this.

1500  
HEALTH INSURANCE CLAIM FORM

00003305  
MEDICAL CLAIMS  
PO BOX 15645  
LAS VEGAS NV 891145645

1. PATIENT INFORMATION  
 1.1 NAME: CARMAN, LUCILLE  
 1.2 DATE OF BIRTH: 02/26/1943  
 1.3 SEX: F  
 1.4 RACE: W  
 1.5 ETHNICITY: H  
 1.6 MARITAL STATUS: M  
 1.7 SIGNATURE ON FILE: [Signature]  
 1.8 DATE: 02/02/10

2. EMPLOYMENT INFORMATION  
 2.1 EMPLOYER: 7116 NC STATE UNIVERSITY  
 2.2 EMPLOYEE ID: 919 8282139  
 2.3 POSITION: 6 5 73  
 2.4 SIGNATURE ON FILE: [Signature]  
 2.5 DATE: 2/5/2016

3. INSURANCE INFORMATION  
 3.1 POLICY NUMBER: 474201205002621  
 3.2 GROUP NUMBER: 99492490  
 3.3 SIGNATURE ON FILE: [Signature]  
 3.4 DATE: 2/5/2016

4. BILLING INFORMATION  
 4.1 BILL TO: BLOWNT, MELISSA S  
 4.2 ADDRESS: 2/5/2016  
 4.3 PHONE: 303.381.3100  
 4.4 FAX: 888.225.0169

5. PAYOR INFORMATION  
 5.1 PAYOR: PARASCRIPT LLC  
 5.2 ADDRESS: 6273 MONARCH PARK PL LONGMONT CO 80503-7119  
 5.3 PHONE: 303.381.3100  
 5.4 FAX: 888.225.0169

6. CLAIM INFORMATION  
 6.1 DATE OF SERVICE: 1/27/16  
 6.2 ICD-9-CM: 81.88305  
 6.3 ICD-9-CM: 81.88305  
 6.4 ICD-9-CM: 81.88305  
 6.5 ICD-9-CM: 81.88305  
 6.6 ICD-9-CM: 81.88305  
 6.7 ICD-9-CM: 81.88305  
 6.8 ICD-9-CM: 81.88305  
 6.9 ICD-9-CM: 81.88305  
 6.10 ICD-9-CM: 81.88305

DATE OF SERVICE	ICD-9-CM	ICD-9-CM	ICD-9-CM	ICD-9-CM	ICD-9-CM	ICD-9-CM	ICD-9-CM	ICD-9-CM	ICD-9-CM
1 27 16	81	88112	1	520 00	2	1378594788			
1 27 16	81	88305	1	380 00	2	1378594788			
1 27 16	81	88305	1	110 00	1	1378594788			
050593169	X	99492490	X	1010 00	0 00	8667594528			

050593169 X 99492490 X 1010 00 0 00 8667594528

BLOUNT, MELISSA S  
2/5/2016  
1871526384

PARASCRIPT LLC 15.TIF  
VOID\*\*OCR DEVELOPMENT SAMPLE\*\*VOID  
6273 MONARCH PARK PL  
LONGMONT CO 80503-7119

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27695-7116 919 8282139 963214 963214  
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Deep Learning-based technology improves your black-white performance by several hundred times. Go from low percentages of automation to the mid-90%'s