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United States

CaseGuard Studio Proposal

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#0003088

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Overview

We are pleased to submit this proposal. In the past few years we've worked with hundreds of clients across law enforcement, healthcare, education, transportation, finance, and private businesses to deliver extraordinary software that helps you create, redact, and review media from start to finish. You don't have to have experience editing videos, managing records, or redacting data to get started using CaseGuard. Its intuitive workflows make editing and collaborating worry-free.

A secure, local desktop application, CaseGuard's intuitive design makes it easy for anyone to get started redacting and editing. Fast and powerful, CaseGuard is packed with key features and tools to keep your work flowing. It's what any good redaction software should be.

CaseGuard was founded by a group of award-winning software engineers who knew artificial intelligence could drastically improve redaction software. The team brings a wide set of experiences, from building software for government agencies and companies such as Amazon, Intel, and Google, to teaching computer science at a leading university. Through applying artificial intelligence and machine learning, CaseGuard makes redaction accessible to all.

Proposed Solution Pricing

Within this proposal, we've included pricing for the three different plans we have available. Each plan has a different set of features that covers all different requirements. Based on your department needs, we recommend selecting

- **One (1)** license of CaseGuard's annual **Premium** plan, and



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- **Three (3) hours of training**

We are happy to adjust these figures should you need to add/remove users or training hours.

Description	Rate	Qty	Line Total
Premium Annual Plan	\$3,948	1	\$3,948
Hourly Training - Online	\$199	3	\$597
Subtotal			\$4,545
Tax			\$0.00
Proposal Total			\$4,545

CaseGuard Studio Plans¹

CaseGuard Studio has three different pricing plans starting at \$199.00 a month:

1. **Lite** is perfect for basic video and audio redaction. Respond to discovery requests, public records requests, and more. Accurately automate redaction
2. **Standard** is ideal for organizations that redact personally identifiable information or sensitive patient or customer information from video, audio, PDFs, or images regularly, whether for evidence collection or FOIA or records request purposes.
3. **Premium** is ideal for organizations such as law enforcement, hospitals, public safety agencies, financial institutions, media institutions, and call centers working with significant amounts of audio and video. This plan also offers automatic transcription

¹ Lite and Standard plans are not available for private businesses.



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and translation. Premium leverages a deep learning process called automatic speech recognition to convert audio to text quickly, making it possible to automatically transcribe and translate your recordings in up to 31 languages.

Below is the list of features that comes with each plan:

Features	Lite	Standard	Premium
Manual Video Redaction	✓	✓	✓
Object Tracking Video Redaction	✓	✓	✓
Automatic Face Detection	✓	✓	✓
Automatic License Plates Detection	✓	✓	✓
Automatic Vehicles Detection	✓	✓	✓
Automatic Person Detection	✓	✓	✓
Automatic Screen Detection	✓	✓	✓
Video Enhancement Tools (Contrast, Sharpness, Brightness, Black And White Effects, And 25 Other Effects)	✓	✓	✓
Video Editing Tools (Cut, Rotate, Merge, Drop Segments)	✓	✓	✓



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Extract Audio From Video	✓	✓	✓
Manual Audio Redaction (Mute And Beep)	✓	✓	✓
Manual Audio Resampling (Changing the Voice pitch)	✓	✓	✓
Audio Editing Tools (Cut, Merge, Drop Segments)	✓	✓	✓
Complete Chain Of Custody and Recorded Enhancement History	✓	✓	✓
Automatic Exemption Log Reports and Redaction Work Reports	✓	✓	✓
Manually Add Closed Transcriptions for Captions Purposes	✓	✓	✓
New Features and Updates	✓	✓	✓
Access to Online Webinars and Recorded Tutorials	✓	✓	✓
Generating Reports	✓	✓	✓
Manual PDF Redaction		✓	✓
PDF Page Redaction		✓	✓
PDF Find and Redact		✓	✓



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PDF Automatic Analysis		✓	✓
PDF Pattern Redaction		✓	✓
PDF Redaction Color Coding		✓	✓
Add A Watermark		✓	✓
Merge Unlimited Number of PDF Files		✓	✓
Manual Image Redaction		✓	✓
Image Enhancement Tools		✓	✓
Create Video From Images		✓	✓
Deinterlace Video And Stabilize		✓	✓
Redaction Pool		✓	✓
Bulk Video Redaction Using Automatic Detection		✓	✓
Bulk PDF Redaction Using Automatic Detection		✓	✓
Bulk Image Redaction Using Automatic Detection		✓	✓



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Extended Customer Support		✓	✓
10 Hours Of Transcription & Translation a Month / 120 Hours A Year			✓
\$10 An Hour After The First 10 Hours a Month			✓
Automatic Audio Redaction			✓
Automatic Audio Pattern Redaction			✓
Automatic Audio Captions			✓
Bulk Audio Redaction Using Automatic Pattern Redaction			✓
Monthly Plans	\$249	\$299	\$399
Monthly Cost Paid Annually	\$199	\$249	\$329

Studio Features

Video Redaction

Redacted video, with ease. Blur out faces, license plates, and screens in any kind of footage. Whether you need to redact one object or a hundred, you can take



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care of it quickly and efficiently. Compatible with any video from any source, CaseGuard accurately redacts your footage, saving you time and money.

Manual Video Redaction

Manual redaction is the most basic form of redaction available in CaseGuard. With Manual Redaction, you are doing the work of placing a shape and effect directly in the video. Once you finish drawing your shape, you'll playback the video to view the shape and make adjustments where necessary.

Available in ALL different tiers (Lite, Standard, and Premium)

Object Tracking Video Redaction

Object Tracking is used to automatically redact any object in a video. It tracks the object you've drawn a shape over (e.g., a face, a sign, etc.) and follows its movement. It is useful when you want to:

- Reduce the time needed creating a manual redaction, and
- Track and redact an object that's moving

Available in ALL different tiers (Lite, Standard, and Premium)

Automatic Video Redaction

Automatic Detection is the most powerful form of automatic redaction in CaseGuard Studio. With a couple of clicks you can automatically Redact Faces, Licenses Plates, Vehicles, Persons, and Screens. Using the latest technologies in machine learning we were able to introduce the best solution to perform your redaction requirements in a timely manner. All you need to do is to select the object type you want to redact (Face, License Plate, Vehicle, Person, Screen), and the machine will apply the redaction to all objects that appear in your video.

Available in ALL different tiers (Lite, Standard, and Premium)



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Video Enhancement Tools

In CaseGuard Studio, there are dozens of preset effects available to enhance any video including but not limited to Blur, Pixelate, Contrast, Enhance Details, Sharpness, Brightness, Rotate, Flip, Grayscale, Invert Color and more.

Available in ALL different tiers (Lite, Standard, and Premium)

Video Editing Tools

Trim video files, create a fast-motion effect and merge separate files into one file with CaseGuard's professional video editing tools.

Available in ALL different tiers (Lite, Standard, and Premium)

Extract Audio from video

Extract any audio from any video file in a couple of clicks.

Available in ALL different tiers (Lite, Standard, and Premium)

Audio Redaction

Muted/Bleeped audio, instantly. Sensitive data like names, phone numbers, addresses removed. Mute, bleep or resample audio, disguise voices, and protect sensitive information in a few clicks.

Manual Redaction

Redact any part of a file by muting, bleeping, or resampling parts of a track directly.

Available in ALL different tiers (Lite, Standard, and Premium)



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Audio Editing Tools (Cut, Merge, Drop Segments)

Trim audio files, create a fast-motion effect and merge separate files into one file with CaseGuard's audio editing tools.

Available in ALL different tiers (Lite, Standard, and Premium)

Automatic Audio Redaction

Find and redact information, ranging from Social Security Numbers (SSN), Employer Identification Numbers (EIN), phone, and more. Quickly highlight the word or phrase you want to redact with just one click.

Available in Premium only

Image Redaction

Redact text or objects in any image. Whether you need to remove part of a photo or all of it, CaseGuard makes it simple. With our image enhancement tools, you can highlight people, objects, and evidence with ease.

Image Enhancement Tools

In CaseGuard Studio, there are dozens of preset effects available to enhance any image including but not limited to Blur, Pixelate, Enhance Details, Contrast, Sharpness, Brightness, Rotate, Flip, Grayscale, Invert Color and more.

Available in Standard and Premium only



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Automatic Transcription & Captioning

Closed captioning and transcription, made easy. Get a complete transcript or closed captions for your audio or video file quickly, with automatic transcription.

Automatically Transcribe 31 Languages

Automatically transcribe any video or audio file in up to 31 languages, including English, Spanish, Arabic, Korean, Farsi, Russian, Turkish, and many more.

Available in Premium only

Translation

Translate your files in up to 31 languages. Need to translate an audio or video file? It's simple. With CaseGuard, you can translate your text in up to 31 different languages and easily export your translated text into a PDF file or add translated captions to your video.

Automatic Translation

Automatically translate your transcription in up to 31 languages.

Available in Premium only

Document Redaction



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Sensitive data redacted. Whether you have personnel records, police records, bank records, medical records, FOIA requests, or any other type of document with sensitive information, CaseGuard can help with sanitizing your documents.

Manual PDF Redaction

Create and apply redactions across entire pages of your PDF document.

Available in Standard and Premium only

PDF Page Redaction

Create and apply a full-page redaction across entire pages of your PDF document.

Available in Standard and Premium only

PDF Find and Redact

Easily search and remove words or phrases in your document.

Available in Standard and Premium only

PDF Automatic Analysis

Define lists of keywords, phrases, and patterns of interest and run the list for automatic analysis on any PDF file.

Available in Standard and Premium only



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PDF Pattern Redaction

Quickly search and remove words or phrases that match named patterns in the text such as social security numbers, zip code, or credit card numbers.

Available in Standard and Premium only

PDF Redaction Color Coding

Change the look of redaction marks in CaseGuard Studio. Color coding your redaction marks makes it easier to scan a redacted document quickly to see why the information was removed.

Available in Standard and Premium only

Add a Watermark

Apply custom text or image watermarks to your documents. Easily add your organization's logo or information about the document's state (e.g., draft, confidential, for official eyes only, etc.).

Available in Standard and Premium only

Reporting and Logs

Digital evidence can be easily altered, which is why tracking how a file is handled is exceptionally important. CaseGuard logs all work performed on your files automatically.

Create Reports

Generate custom printable reports that document key information, such as:

- All file names



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- Tasks performed
- Logs showing when and how files were modified
- Metadata
- Exemption logs, documenting why redactions occurred
- Transcription information (only available for premium)

Available in ALL different tiers (Lite, Standard, and Premium)

Bulk Upload Redaction

Automate repetitive redaction tasks for all of your media files. With Bulk Upload Redaction, you can redact thousands of images and pages and hours of audio and video with a few clicks. What used to take days now can be done in minutes.

Bulk Video Redaction using Automatic Detection

Upload all of your videos and automatically redact faces, people, vehicles, license plates, and screens in one click.

Bulk PDF Redaction using Automatic Detection

Automatically analyze your PDF documents to find any word, sentence, or pattern including emails, phone numbers, social security numbers, credit card numbers, and more, then redact any or all of them in one click.



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Bulk Image Redaction Using Automatic Detection

Automatically redacting thousands of images at once has never been easier. Upload all of your photos into CaseGuard and automatically redact faces, people, vehicles, license plates, and screens instantly.

Bulk Audio Redaction using Automatic Pattern Redaction

Upload your recordings and automatically redact sensitive information in a few quick steps.

Testimonials

Spokane Police Department

Mike Snell | Police Records

My experience with CaseGuard started in March of 2017. They had been working with my agency since September of 2016, but I didn't come into the mix until March. We had a demonstration provided, and I was blown away. I remember thinking to myself "This can't *possibly* work that well – this is a demo, of course, they're going to show their software under ideal conditions!". They must have known what I was thinking, because we then used "real world" bodycam video's and we used videos with a variety of light levels, action levels, etc – and the software, while not perfect (nothing ever is) is at least 3-4x better than what I was using previously, for redaction.

For example - I was tasked to do "time trials" – how long it took to redact video's using the "old" method versus CaseGuard. CaseGuard is faster at the actual redacting process, more accurate, easier to use, and used far fewer keystrokes, 100% of the time. (Now, think about the time saved, which is money saved, as well as "wear and tear" on the employee doing the redactions.



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5000 separate keystrokes to redact a video, or 20? Which would you prefer?) Case in point - a video that took me 4 hours to redact using the “old” method, took me an hour and 5 minutes using CaseGuard.

This is just the tip of the iceberg. The folks I have been in contact with, are very responsive to requests for assistance, extremely knowledgeable, friendly, they have and continue to help me numerous times throughout this process. They are also willing to listen to customer ideas about how to make things better with the program.

I truly cannot possibly say enough good things about this product, and my experiences with them. I am thrilled with my agency choice to use CaseGuard, so if you are considering getting imaging software for your agency – please, don’t hesitate to give me a call, or send me an email, and I’m happy to tell you my experiences in full detail and answer any “real world” questions you may have.

Wichita Police Department

Krissie Lagana

The practical and real-life uses of CaseGuard redaction software. I have the pleasure of using CaseGuard for almost a year now. I found CaseGuard to be a major asset to our Police Department.

Redaction is a necessary tool that goes hand in hand with body-worn videos. I found myself struggling with the daunting task of redacting videos, as my only redaction tool was extremely time consuming, inaccurate, and not user friendly.

I began my journey researching what redaction software programs were available and were able to try demos from different companies. This gave me practical experience with different products. My favorite by far was CaseGuard. I found CaseGuard to be user friendly. I didn’t have



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to learn new terminology to use the system. I was able to quickly navigate myself through the software and started redacting right away. With CaseGuard I was able to quickly, efficiently, and accurately redact videos. I used the software to not only redact body camera video, but also surveillance videos.

Through my journey, I found myself using CaseGuard software to benefit the Police Department in ways other than redactions. Ultimately, solving crimes is one of the major functions of the Police Department. I was able to use the enhancement feature built into CaseGuard to assist our detectives in identifying individuals. CaseGuard, along with good detective work, we have been able to solve crimes. As a department we have been able to enhance facial features, tag and vehicle information, and tattoos. This list will continue to grow as the needs of the department present themselves.

The customer service with CaseGuard is above any other company. I always get a hold of a knowledgeable staff member who is friendly and willing to go above and beyond to help me with my situation. Many situations I come across are situationally unique and I need someone who is knowledgeable to help me with my unique situation.

I am very proud to be a customer of CaseGuard. I look forward to growing and expanding with the company as it grows and evolves with body-worn cameras.

Hardware Specifications

CaseGuard Studio can run on any windows-based machine. There are no distinct minimum requirements. The oldest machine tested with the software was an eight-year old machine and it performed adequately.



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With any video processing software, the more powerful machine you use, the faster the results. Normally we would suggest that the client try the application on the machines they currently have and if they find them too slow, they should consider investing in more powerful machines and/or components, because any program they utilize for this purpose will run slow and interrupted on the machine used. CaseGuard Studio is comfortable operating on 1 GB of RAM with 20 GB of storage capacity.

Storage requirements can be calculated by multiplying the largest file you're expecting to process by 20:

- If the largest file you'll be processing is 1 GB, you'll need about 20 GB of free space.
- If the largest file you'll be processing is 2 GB, you'll need about 40 GB of free space.

The following specifications are recommendations for any machine handling graphic-intense media, not recommendations specific to CaseGuard Studio:

	Minimum	Recommended (OR Higher)
Operating System	Win 7, 64-bit	Win 10, 64-bit
Processor	Intel i7, quad core	Intel Xeon E5-2620 v4 @ 2.10 GHz, 16 cores
RAM	4GB	16GB
Hard Drive (OS/Processing)	50GB SSD	1 TB SSD
Hard Drive (Video Storage)	1TB	2TB
Graphic Card	Any	GeForce GTX 1070 8 GB
Screen Resolution	1280 x 800	1920 x 1080
Media	DVD	Blu-ray burner



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Special Recommendation for Graphic Cards

For faster automatic detection, we recommend Nvidia GeForce graphic cards with GPU. The two popular Nvidia GeForce graphic cards are GeForce GTX 1070 and GeForce GTX 1080. We found that the detection speed increases by at least **50 times** when using one of these two cards over a regular graphic card without a GPU.

Notes

Maintenance, support, and upgrades for CaseGuard Studio are all included.

Terms

This proposal is valid for 90 days.