



# DARKSCOPE

THE CYBER WATCHTOWER



DARKSCOPE INTERNATIONAL LTD.  
[WWW.DARKSCOPE.COM](http://WWW.DARKSCOPE.COM)

SEARCHDRONE™ & SEEKER™  
DARKSCOPE'S UNIQUE TECHNOLOGY



## HUMAN PARADOX VS SMART SEARCHING

### Creating a paradox

There's a problem with human searches. The darkweb is a secretive and suspicious place. Poorly trained human searchers can cause real harm to their customers through their actions. Where they enter darkweb forums and chat rooms looking for information about their customers, they create a paradox. Their actions bring attention to their customer. This will create interest from others, which is exactly what they're trying to find. They now need to start making judgement calls about the new interest in their customer – is it a threat or was it caused by their actions. How much of the interest is real, how much have they created? The consequence is tainted data at best and biased or invalid results that totally defeat the purpose of their searches.

### How does smart searching work?

Darkscope does not search directly for customer information. We search for a dataset of information that would include our client. For example, say our client is a 2015 VW Golf with a registration ABC-123. If we search for this specific information in a darkweb forum we create the paradox above. Instead, we might search for "VW cars". If the result is too large, we refine the search to "VW Golf". If it is still a large dataset we refine to "VW Golf 2015-2020". Within this dataset, which is now manageable, is the information that we're after. We extract this data subset and analyse it in a closed system. This way, Darkscope does not endanger its clients by simply searching for information on them, or even reveal what we're specifically searching for.

## AROUND THE WORLD 24/7

Darkscope's system of Seekers and SearchDrones uses an extensive network of hubs around the world. Darkscope maintains hubs on every continent and in most time zones. These hubs act independently and only transmit results back to the core system. Each hub has multiple Seeker and SearchDrone instances which can be scaled up on demand. Together they currently analyse more than 200 million darkweb pages each week.



## DARKSCOPE'S UNIQUE TECHNOLOGY

Search engines won't work here, so how do you search the darkweb?

The darkweb is part of cyberspace or the internet, if you prefer.

Instead of making it easy for anyone to find, like [www.yourcompany.com](http://www.yourcompany.com), in the darkweb the address will be a random sequence of letters and numbers.

Instead of putting in key words so search engines can index your pages, there are barriers, lockouts and passcodes to hide the contents, making it impossible for search engines to even see them.

So how do you know if and when you're at risk from the darkweb?

You can use the services of highly skilled cyber experts who know how to access and search the darkweb on your behalf. If you've got a FORTUNE 500 company type budget, one with lots of zeroes, this will give you personalised, detailed relevant information.

You could rely on one of those providers that extract their "threat intelligence" from generic databases and sell this to you as a service. The information might be relevant to you 1% to 5% of the time, but any relevance will be coincidental, not intended.

Or you could use a service that is both personal and affordable, not because it is a "lite" service, but because it uses smart technology to deliver high-grade results instead of human searchers.

What is smart technology?

Darkscope has developed human-like search technology that works in the deep web, on social media and in the darkweb. By combining the capabilities of different types of AI, Darkscope has built a virtual person that can engage in chats, respond to forum entries, and receives emails. We call these Seekers. They have names, profiles, and personalities so they can engage in cyberspace. On their own, Seekers can't deliver the information that we want from cyberspace. To cover the 200,000,000 darkweb pages that Darkscope scans each week on behalf of our clients, we pair a Seeker with a SearchDrone, like a rider on a horse.

This combination gives Darkscope speed and a massive reach.

However, even such an advanced system cannot bypass all barriers and sometimes needs help. When it needs help, the Seeker can ask one of our cyber response team who will connect to the live session to solve any problems the Seeker might have. Once the problem is solved, the Seeker continues autonomously with the search, and has added new skills to improve its capability.



### PROFILE OF A SEEKER

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