



## Speed Deployment with Automated IP Address Provisioning The Illusive Platform and BlueCat Adaptive DNS

Illusive Networks enables customers to deploy an inescapable maze of deceptions that force attackers to unknowingly navigate an environment that mimics the real-world network assets they need to perpetrate an attack—one false step in their sideways movement triggers detection. Generating authenticity of deceptions requires a mix of real network data with markers and the ability to automatically execute refreshment of deceptions on a continuous basis, keeping the ‘false’ environment ever-dynamic and credible. For example, in strategic intersections of network activity, Illusive will associate a real IP address with a fake Active Directory profile, a task that’s typically completed manually. To aid in the ease and productivity of this process, Illusive has built ‘out-of-the-box’ integration with the BlueCat Adaptive DNS Platform to automatically provision IP addresses to speed deployment. An API token handshake binds the platforms, seamlessly mapping deceptive hostnames.

With Illusive Networks and BlueCat working in tandem, your organization reaps the following advantages:



**Streamline the process of IP address provisioning for deceptive artifacts**



**Enhance deployment efficiency between networking and security teams**



**Expand scope of deception deployment targets without network conflict**



**Harden security of DNS configuration mapping**

### How Illusive & BlueCat Speed Deployment With Automated Provisioning





## Streamline Deception Deployment with Illusive and BlueCat

As a general rule, especially given the constant challenge of insider-based threats, the fewer the number of people who know about a deception deployment, the better. The need for network resources to build out a realistic-looking environment unfortunately runs counter to this goal.

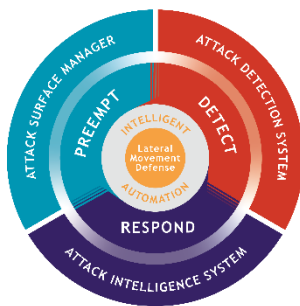
Ordinarily, Illusive needs help from the network team to build out deceptive connections. For every endpoint or strategic junction they protect, they have to request an IP address from the network teams—usually a manual process which slows down deployments and hinders timely expansion to newer areas of the network.

From within the Illusive console, customers can easily configure BlueCat's Gateway automation platform to automatically provision IP addresses for creating deceptive environments. Network admins know that an IP address is assigned and regulate the pool those addresses come from. At the same time, network administrators aren't aware of how the IP address will be used, limiting scope of knowledge to essential personnel only.

### Illusive and BlueCat in Collaboration: Key Benefits

- ✦ Ensure dynamic authenticity of Active Directory deceptions
- ✦ Enhance operational efficiency and scalability
- ✦ Minimize deployment impact to network team resources
- ✦ Reduce DNS misconfigurations that create attack risk
- ✦ Ensure security of DNS operations

The Illusive Platform provides centralized management across even the largest and most distributed environments. Three modular components can work together or be operated separately to preempt, detect, and respond to cyberattacks.



**Preempt:** Finds and removes errant credentials, connections, and attack pathways to deter unauthorized lateral movement.

**Detect:** Forces attackers to reveal themselves early in the attack process by disorienting and manipulating their decision-making.

**Respond:** Enables rapid, effective response and remediation when attackers are present by providing contextual source and target forensics.

#### ABOUT ILLUSIVE

Instead of building walls and restrictive controls around your assets, Illusive disarms the attacker—destroying their decision-making and depriving them of the means to reach their targets.

It's a simple, adaptive approach that empowers your defenders to stop cyberthreats that could otherwise dwell in your environment for months or years.

Built on agentless, intelligent automation that requires very little IT coordination, Illusive immediately shifts the advantage to your defenders—and frees them from the complicated, noisy, data-heavy approaches that burden them today.

#### ABOUT BLUECAT NETWORKS

BlueCat is the Adaptive DNS™ company. The company's mission is to help the world's largest organizations thrive on network complexity, from the edge to the core. To do this, BlueCat reimagined DNS. The result - Adaptive DNS™ - is a dynamic, open, secure, scalable, and automated resource that supports the most challenging digital transformation initiatives, like adoption of hybrid cloud and rapid application development.

Learn more at [www.bluecatnetworks.com](http://www.bluecatnetworks.com)

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**Illusive Networks** stops cyberattacks by destroying attackers' ability to make safe decisions as they attempt to move toward their targets. Using Illusive, organizations eliminate high-risk pathways to critical systems, detect attackers early in the attack process, and capture real-time forensics that focus and accelerate incident response and improve resilience. Through simple, agentless technology, Illusive provides nimble, easy-to-use solutions that enable organizations to continuously improve their cyber risk posture and function with greater confidence and agility.