



# ClearInsight

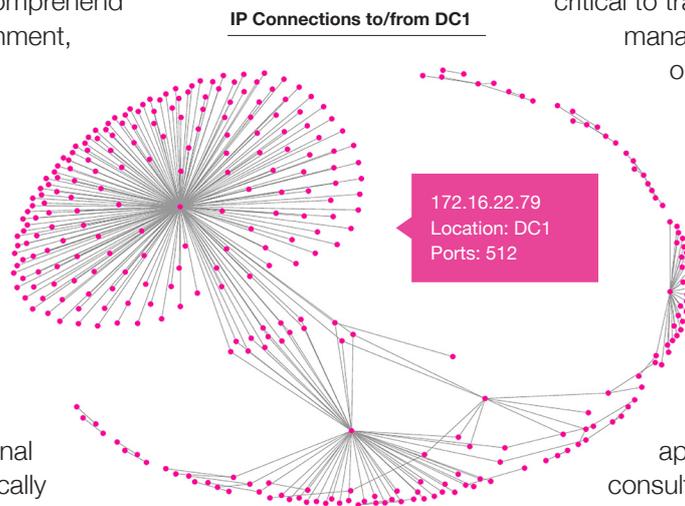
**ClearInsight puts data and analytics at the heart of everything that we do at Virtual Clarity. Data analytics adds value in all our work, from developing a cloud strategy to transformation of operations or implementation of security controls. We accelerate transformation and create new value by combining data science with the depth of experience in enterprise IT possessed by our consultants. The difference is ClearInsight.**



- 1 **ClearInsight** for Strategy and Transformation
- 2 **ClearInsight** for Migrations

## 1 ClearInsight for Strategy and Transformation

Effective cloud strategy requires an understanding of the complex and sometimes unstable environment of modern enterprise IT. To comprehend the complexity of your environment, we analyze a combination of machine and human derived data - ensuring that decisions are based on a complete picture. ClearInsight applies data science to give you and our business analysts a clear, quantitative view of applications, infrastructure and security, supporting development of transformational strategy. ClearInsight dramatically increases quality and slashes time to value. Create innovative and transformational strategy for your business with ClearInsight.



## 2 ClearInsight for Migration

Understanding the interactions between applications and infrastructure, and other applications, is often critical to transformation. Traditional management and discovery tools only provide partial, siloed views of applications and infrastructure, and migration projects frequently slow to a crawl or stall altogether when they lack insight into the complexity of IT environments. ClearInsight combines data scientists with highly experienced application and infrastructure consulting to rapidly discover and document application and infrastructure interactions and configuration. ClearInsight data products feed into our Decision Support Engine and Migration Director Suites to accelerate migration while reducing cost and risk. Accelerate your migration with Virtual Clarity.



# ClearInsight

**Our proven data analytics workflow uses an iterative four stage pipeline. The workflow employs and supports using the techniques of data science to accelerate data discovery and reduce time to value in all the work we do with our clients.**

**STAGE 1 Data Discovery** identifies and acquires data sources, and triages them for quality and value.

**STAGE 2 Data Exploration** goes in depth on the highest quality and value data, and prepares data for integration.

**STAGE 3 Data Integration** brings the best data sources together and creates data products for analysis.

**STAGE 4 Analysis and modeling** delivers information and insight to accelerate transformation.

Using the techniques of data science means that we are not prescriptive about the data we use to address your challenges. We use the combination of business analysts and data scientists to rapidly identify, acquire and triage the data you have available before selecting the best and most valuable for integration and analysis. We might use:



**ERP and HR data:** To understand your capital and operational expenses.



**Problem specific data:** From retail transactions to gaming loyalty data, we work with you to discover the data that can provide insight into your specific business or strategic problem.



**Industry data:** Combining your internal data with external industry data can provide additional insight and support as we determine the right direction and strategy for you.



**Reference and master data:** We acquire or create reference data, and take extracts of enterprise master data to support analysis and ensure that insights have a strong foundation.



**Private and proprietary data sources:** In many organizations, some of the most valuable data sources are the private data created by individuals and teams to support them in their jobs. These data sources can contribute value to analysis and strategy.

Whatever data sources we use, the value is found in the combination. Combining multiple data sources lets us uncover information and create insight that no tool or individual with a spreadsheet could produce on their own.

The traditional preparation for any IT systems migration is to use discovery tooling to understand the infrastructure components to be migrated. This approach has always been of limited effectiveness due to difficulty getting complete coverage and limitations in the tooling. Virtual Clarity takes a different approach. We use the output of discovery tooling when it's available but we begin from the position that discovery data will be incomplete and like the CMDB, sometimes misleading. We take data from across the IT estate and combine it using the techniques of data science to create new information rapidly and with a minimum of disruption. We might use:



**Data from management tools and network systems:** Extracts from solutions like VMware vCentre but also your data such as IP address records and DNS configuration.



**Log data:** Firewalls, application servers and management tools all generate logs that can be useful in understanding how systems interact.



**Diagnostic and performance tools:** NetFlow data for example can be invaluable in understanding the interactions between applications and application components.



**Private and proprietary data sources:** In many organizations, some of the most valuable data sources are the private data created by individuals and teams to support them in their jobs. These data sources can contribute valuable data that adds detail to our view.

Whatever data sources we use, the value is found in the combination. Combining multiple data sources lets us discover information and insight that no tool or individual with a spreadsheet could provide on their own.

**Improve your decisions and give your projects greater clarity with ClearInsight from Virtual Clarity.**



Let's chat [www.virtualclarity.com](http://www.virtualclarity.com) | [info@virtualclarity.com](mailto:info@virtualclarity.com)



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