

# Technical Disclosure Commons

---

Defensive Publications Series

---

December 10, 2018

## Enhanced electronic whiteboard

David Tigges

Follow this and additional works at: [https://www.tdcommons.org/dpubs\\_series](https://www.tdcommons.org/dpubs_series)

---

### Recommended Citation

Tigges, David, "Enhanced electronic whiteboard", Technical Disclosure Commons, (December 10, 2018)  
[https://www.tdcommons.org/dpubs\\_series/1765](https://www.tdcommons.org/dpubs_series/1765)



This work is licensed under a [Creative Commons Attribution 4.0 License](https://creativecommons.org/licenses/by/4.0/).

This Article is brought to you for free and open access by Technical Disclosure Commons. It has been accepted for inclusion in Defensive Publications Series by an authorized administrator of Technical Disclosure Commons.

## **Enhanced electronic whiteboard**

### **ABSTRACT**

This disclosure describes an enhanced electronic whiteboard for visualization of cloud-based computing solutions. The electronic whiteboard includes technical icons that represent cloud computing solution elements and enables users to depict and manipulate various computer architectures. The electronic whiteboard is integrated with cloud migration solution software for collaborative design, sales presentations, and simulation. Depicting technical architectures is made possible by providing icons for servers, storage, networking appliances, etc. that can be dragged and dropped onto the whiteboard. With user permission, machine learning techniques are utilized to auto-populate operating data relevant to different architectures.

### **KEYWORDS**

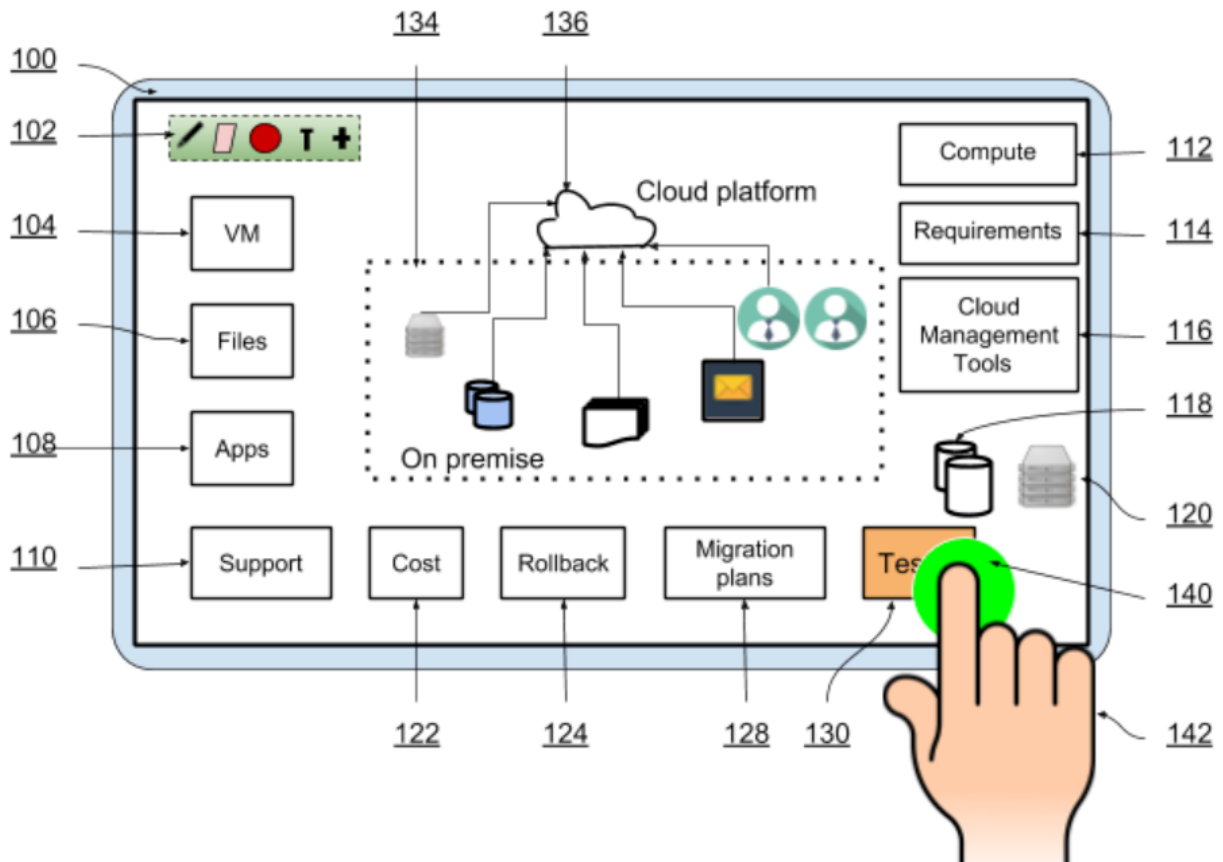
- Electronic whiteboard
- Interactive whiteboard
- Interactive display
- Cloud migration
- Sales presentation

### **BACKGROUND**

Electronic whiteboards are commonly used for interactive displays and allow users to generate a visualization that includes various graphical elements. Electronic whiteboards are used in educational and collaborative settings.

DESCRIPTION

This disclosure describes an enhanced electronic whiteboard for visualization of cloud-based computing solutions. The electronic whiteboard includes technical icons that represent cloud computing solution elements and enables users to depict and manipulate various computer architectures. The electronic whiteboard is integrated with cloud migration solution software for collaborative design, sales presentations, and simulation.



**Fig. 1: Electronic whiteboard for visualization and simulation of computing solutions**

Fig. 1 illustrates the use of an enhanced electronic whiteboard (100) in an example setting. Graphical elements (102) are provided in addition to elements that represent computing resources (104-130). A user can provide touch input (142) to activate (140) one or more of the

elements. In this illustrative example, the whiteboard is used for planning a migration of an enterprise solution from on-premise (134) to a cloud based solution (136).

Depicting technical architectures is made possible by providing icons for servers, storage, networking appliances, etc. that can be dragged and dropped onto the whiteboard. With user permission to access on-screen content of the electronic whiteboard, machine learning techniques can be utilized to auto-populate operating data relevant to different architectures.

A visual demonstration provided via the enhanced electronic whiteboard can provide improved visualization of the solution to a cloud migration customer, help allay customer concerns (for example, about a cloud implementation), and enable better outcomes for sales teams. The enhanced electronic whiteboard can also be utilized as a training tool.

The integration of the whiteboard with cloud migration design software enables efficient generation and customer visualization of cloud migration solutions. Reports that include design options, performance, and costs can be generated automatically.

Further to the descriptions above, a user may be provided with controls allowing the user to make an election as to both if and when systems, programs or features described herein may enable collection of user information (e.g., information about a user's social network, social actions or activities, profession, a user's preferences, or a user's current location), and if the user is sent content or communications from a server. In addition, certain data may be treated in one or more ways before it is stored or used, so that personally identifiable information is removed. For example, a user's identity may be treated so that no personally identifiable information can be determined for the user, or a user's geographic location may be generalized where location information is obtained (such as to a city, ZIP code, or state level), so that a particular location of a user cannot be determined. Thus, the user may have control

over what information is collected about the user, how that information is used, and what information is provided to the user.

## CONCLUSION

This disclosure describes an enhanced electronic whiteboard for visualization of cloud-based computing solutions. The electronic whiteboard includes technical icons that represent cloud computing solution elements and enables users to depict and manipulate various computer architectures. The electronic whiteboard is integrated with cloud migration solution software for collaborative design, sales presentations, and simulation. Depicting technical architectures is made possible by providing icons for servers, storage, networking appliances, etc. that can be dragged and dropped onto the whiteboard. With user permission, machine learning techniques are utilized to auto-populate operating data relevant to different architectures.