



A comprehensive, end-to-end solution to streamline HIPAA audits.



Big Data HIPAA Privacy Monitoring

Maize Analytics provides a next generation EMR access monitoring tool (**EBAS** or the **Explanation-Based Auditing System**) to proactively monitor and audit for internal threats. The tool combines rules and clinical context to increase internal fraud detection up to 95%.



Lower Negligence Risk

A recent 2014 study showed 75% of healthcare providers ranked employee negligence as the No.1 threat to healthcare privacy and security (Ponemon Institute 2014).



Get More From Your Data

EBAS is EMR agnostic and interoperable.

Hospitals generate large amounts of data across multiple platforms. EBAS uses all available EMR, clinical, and HR data to identify not just WHO accessed WHAT data, but WHY accesses occurred (e.g. the clinical or operational reason). The more data EBAS is given, the safer your system becomes.



Patented and Peer Reviewed

EBAS is patented and peer reviewed through the University of Michigan as well as top computer science and biomedical informatics journals, respectively.



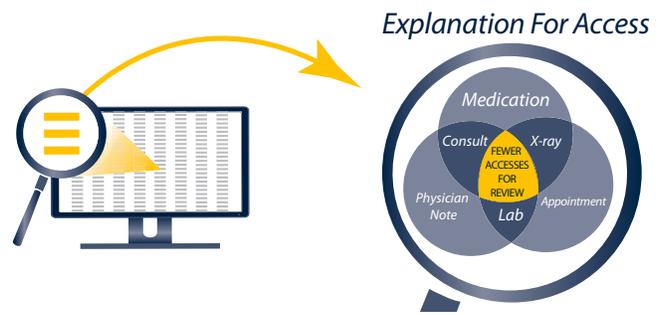
Safe Data

Sending sensitive data into the cloud is still a huge risk for healthcare providers. EBAS works securely behind the hospital's firewall, allowing hospitals to manage and control permissions.

How Does EBAS Work?

Multi Source Data

Data is pulled from multiple sources to find explanations.



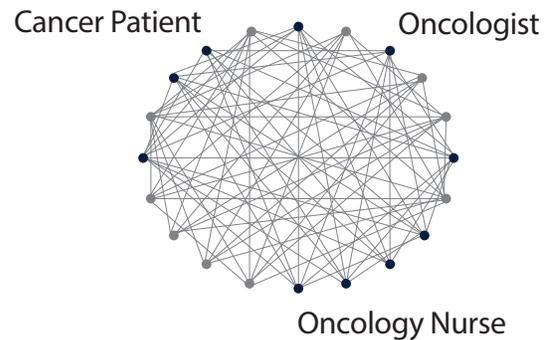
Explanations

An explanation is a connection between a patient and an employee accessing a patient's record.



Dealing with Missing Data

EBAS uses hospital networks to infer associations and reasons why accesses occur. Clinical context such as Employee-Employee collaboration mappings are important in a dynamic medical environment.



Proactive Detection Against:

EBAS finds the suspicious accesses where other systems fall short.

	Coworker/ Last-Name	High Access Volume	Credential Phishing/ Sharing	Access Surfing	Non-Clinical Access
EBAS	✓	✓	✓	✓	✓
Rules	✓	✓	X	X	X
Manual Auditing	✓	✓	X	X	X