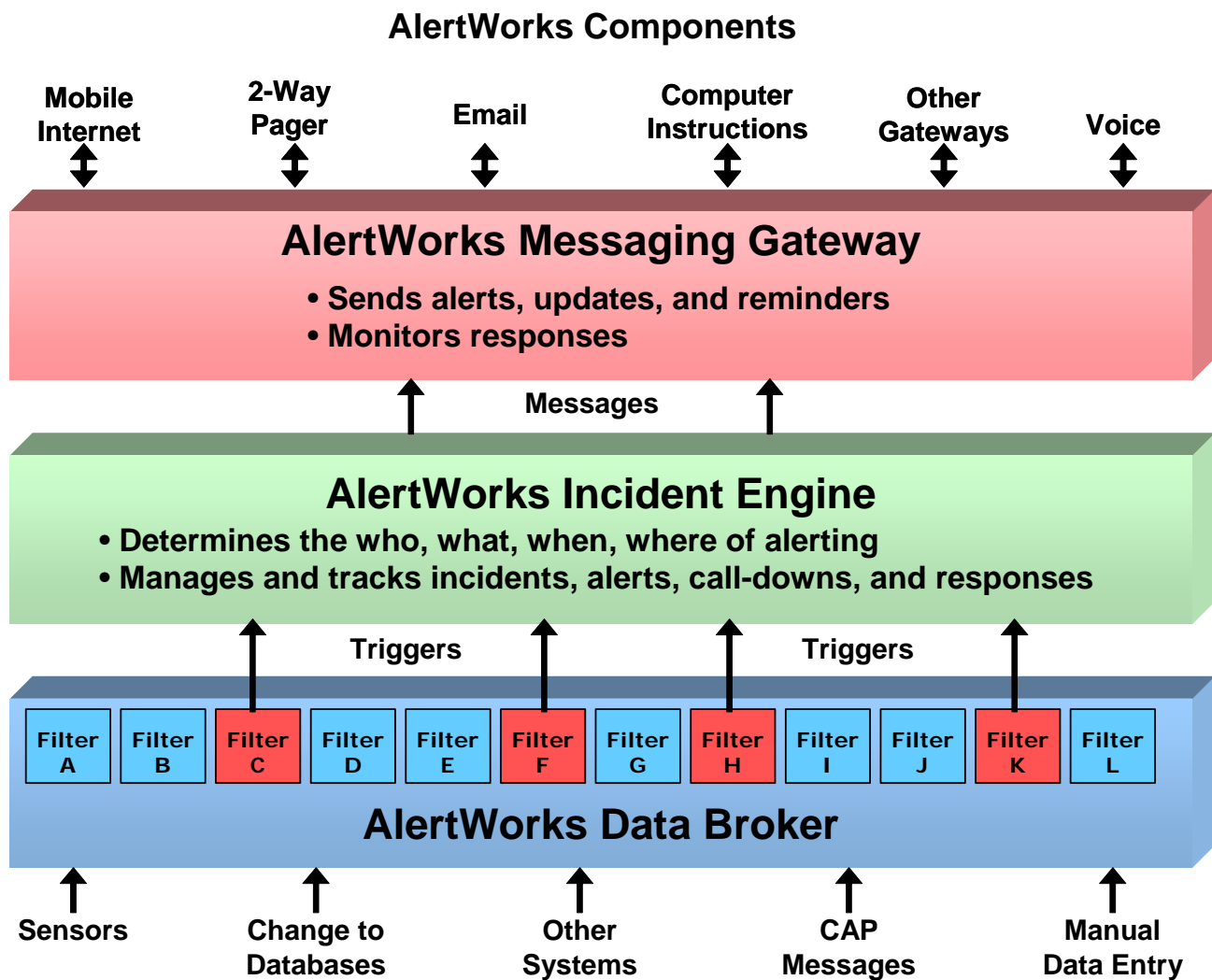




mobileFOUNDATIONS' alerting products (IncidentPortal™ for homeland security and FASAT for space operations and command and control) are the most advanced monitoring and alert notification products for their respective industries. These products are built on mobileFOUNDATIONS' AlertWorks™ technology components: the AlertWorks *Data Broker*, the AlertWorks *Incident Engine*, and the AlertWorks *Messaging Gateway*.

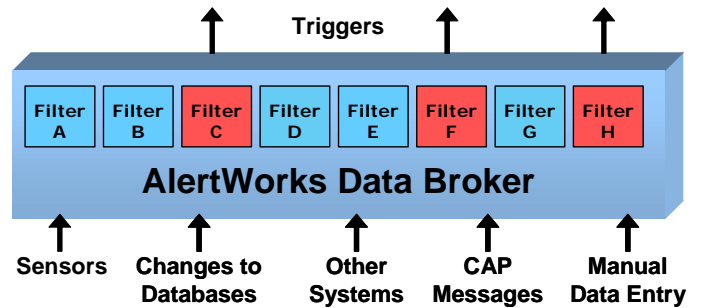
Now for the first time, these components are available individually or combined, for integration within third-party applications, under the *Powered by AlertWorks™* licensing program. This allows companies to cost-effectively add robust monitoring and/or alerting technologies to their applications, without the significant research and development effort that would be required.

Each of the components and their relationship to one another is shown below:



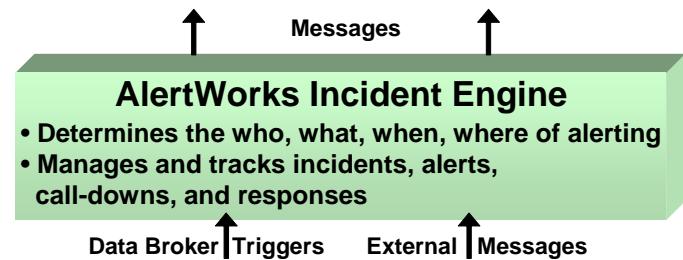
## AlertWorks Data Broker

The Data Broker autonomously monitors external data sources (e.g., chemical and biological sensors) for user-defined “events of interest.” Users first define what data sources to monitor via an easy-to-use Web interface. Next, users build filters that define the “events of interest” for each source (e.g., sensor “X” reads “high”). Once the Data Broker identifies an event of interest, it passes that data to the AlertWorks Incident Engine (described below) for alerting. This relieves your staff from time-consuming monitoring and logging duties. The Data Broker can monitor data sources over a network (push or pull) or in a log file. It can also monitor ASCII text, binary data, and XML streams.



## AlertWorks Incident Engine

The Incident Engine can manage all of the alerting logic for your application, including call trees, round robins, group alerts, and alerts to individuals. It also determines what content to send to each person, which devices to notify, and in what order (for people who have multiple devices). The Incident Engine also can be set to send “reminder” messages to personnel who have not yet responded to an alert. When combined with the AlertWorks Data Broker for monitoring telemetry, the Incident Engine can also provide advanced data distribution functions, such as: what should trigger an initial alert, how often to send updates, what defines enough change in the data to cause additional alerts, and when an incident ends. In other words, the Incident Engine can monitor and track the “state” of the incident. It also provides a user interface component that provides a visual status of all of the notifications and responses.



## AlertWorks Messaging Gateway

The Messaging Gateway is the heart of the alerting system. The Gateway does not just send simple text messages; instead, it employs comprehensive messaging capabilities for wired (email) and wireless devices (pagers, cell phones, PDA's, PC's, telephones via voice). The Gateway supports both one-way and two-way alerting. The Gateway has “knowledge” of the capabilities and limitations of the various carriers and devices. It formats all messages to maximize content and capability. The Gateway currently supports the following protocols: SMS, SMTP, WCTP, TAP, and SNPP. The Messaging Gateway can send messages over many networks including TCP/IP, 802.11, CDPD, CDMA, GPRS, and ReFLEX. The Gateway can be accessed by your application via XML. The Gateway also supports the CAP Protocol. The Gateway can be coupled with the AlertWorks Incident Engine and Data Broker to provide an end-to-end monitoring and alerting capability.

