

Eler

Advanced 911 digital dispatching for Volunteer Firefighters

Datalink's Eler allows Volunteer Firefighters to be alerted to an emergency call over a range of networks and personal devices in seconds from one regional 911 dispatch centre. The days of 911 one-way alerts to pagers are fading away. Datalink's Eler routes 911 email or text alerts directly to UHF/VHF portable radios or SmartPhones, Laptops or Tablets.

Eler sends the 911 information simultaneously to all SmartPhones and Radios in the selected groups. Messages are repeated three times, twenty seconds apart to ensure best delivery.

The Eler hub can be a dedicated system or shared between a number of close municipalities.



Eler in operation

When a 911 call is placed, the 911 dispatch centre will relay the call via email to the appropriate Volunteer Fire Department's Eler server (Cloud Server recommended). This may encompass a number of small communities served by a common central 911 control center.

A DataGate IP routing controller in the Eler Server automatically relays the information to one or more community Fire Chiefs, or directly to each volunteer firefighter's radio or smart-phone. Alternately the Fire Station Chief can select the groups that will be called to the Fire Hall. All alerts are transmitted three times. The Fire Chief has the added option to send additional text messages.

The local Fire Hall and Volunteer Firemen must be equipped with either compatible portable radios such as Kenwood NX series or ICOM radios or Smartphones that can accept Cellular Emails or Text Messages. Other portable radios such as Motorola, Relm/BK and TAIT will be added in the near future.

Additional Features

- "emergency call button" for any firefighter in distress with GPS location and ID transmitted to command post.
- Each firefighter's location appears on a tracking map in command post.
- All outbound and inbound messages and alerts are date/time stamped and saved in an SQL database for later recall.
- Portable Radios require a GPS mic' attached.