

Title:

History Of The Computer; The Emergence Of Electronics.

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Summary:

The history of the computer inevitably includes the development of electronics, we look at the

If anything could be said in favor of war, it may be that it speeds up the development of tech

Electronics was around in the early part of the...

Keywords:

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Article Body:

The history of the computer inevitably includes the development of electronics, we look at the

If anything could be said in favor of war, it may be that it speeds up the development of tech

Electronics was around in the early part of the 20th Century, wireless, or radio, was in its i

The second world war, from 1939 in Europe, and a couple of years later involving the USA, ende

Aircraft Navigation - Using ground transmitters in sets of 3, widely spaced, to give an aircra

Targeting - A beam was transmitted from a Radar station in England so that it intercepted a ta

Interception - a series of ground stations around the South-East coast of England, feeding int

Airborne Interception (AI) - Developed towards the end of the war, used a Tranceiver (transmit

Beacon - A tranceiver was located at the end of a runway so that ground staff could guide a re

Shipping - radar equipped vessels could track other vessels in darkness or fog, whether peacef

Many other systems were developed or initiated in that 6 year period. Knowledge of electronics,

Long range guns on ships or in the field needed to be aimed accurately. The calculations requi

This, then was the scene at the end of the war. We knew how to tackle large calculations with

1. The pulses can be coded. For example, in the Navigation example we looked at, 3 ground stat

2. The power, or strength, of the signal. A continuous radio signal, like a radio broadcast, t

Next we will look at how early computers were now possible due to these developments.

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