

The awakening

Stuxnet (2010)

- A very sophisticated virus that targets SCADA systems (supervisory control and data acquisition)
- Believed that it took down 4000 nuclear centrifuges in Iran
- Believed to be originated from the USA and Israel

Flame also called **Skywiper** (2012)

- An espionage virus that embeds sophisticated spywares
- Believed to be originated from the USA
(Olympic Games defense program)

Espionage

Sunburst used in SolarWinds attack (2020)

- Considered one of the most sophisticated supply-chain intrusions
- Impacted US government agencies and Fortune 500 companies
- Believed to be originated from China

Volt Typhoon (2023)

- Targeted US critical infrastructure: telecom, energy, water, transportation
- Believed to be originated from China