

The BASELAYER Timeline and the History of Data Centers

History of Data Centers

1940s
Earliest examples of a data center (ENIAC)

1960s
The first data center was built by AA/IBM

1970s
Disaster Recovery Arrives: business continuity planning took effect, first commercial LAN appears (ARCNET)

1980s
Birth of the personal computer (IBM and Apple)

1990s
Servers were installed within company walls, the **Dot.com boom** occurs, increasing construction of data centers
Emergence of the idea of **colocation and external data centers**

2000s
Unprecedented increases in the need for **computer space and the cost of power**
Data center owners began developing **smart design** approaches to make the cooling and airflow in data centers more efficient.
Hardware mfg focus on making **power efficient components**
First containers shipped housing complete computer infrastructures (Sun)

2007
Renewable energy sources, such as wind energy starting to be used by operators of large data centers

2010
Emergence of the **cloud data center** and **Software-as-a-service (SaaS)**

2011
Container data centers lead to a module design revolution lead by **BASELAYER**¹

2014
More and more data centers are designed **"GREEN,"** following BASELAYER'S lead

2018
Emergence of Edge: putting data processing power at the edge of a network instead of cloud or central data warehouse

Since its founding in 2008, BASELAYER has been ahead of the curve on every aspect of the data center revolution.

The trend is easy to see: BASELAYER is first to market with innovative designs that enable IT to be deployed anywhere it is needed.

Whatever comes next, BASELAYER has you covered.

History of BASELAYER

2007
First idea for a **Lego** inspired approach to data center design
BASELAYER (IO) founded, launches infrastructure as a service

2008
BASELAYER Invents the **first Modular Data Center** (BASELAYER: Patent US8434804B2)

2009
Hardware & software **prototype developed**
Intelligent Control® Platform launches

2010
Module factory opens

2011
First module in production and data collected

2012
First overseas Module+OS install (Singapore)
UL awards IO/BASELAYER the first-ever Safety Certification for a modular Data Center (UL2755)

2013
BASELAYER receives patent for **1st software defined data center** (BASELAYER: Patent US8434804B2)
RunSmart deployed in raised floor environment

2014
BASELAYER **born out of IO**
BASELAYER EDGE X1 Module released, first Edge module to hit the market
"Green HPC" delivered

2015
BASELAYER **"True Utility" EDGE Solution** first Ships

2017
EDGE X2 released: Lower initial entry point ideal for midsized enterprise and Edge deployments.

2018
Emergence of Edge: putting data processing power at the edge of a network instead of cloud or central data warehouse

To learn more about where data center technology is headed today and into the future, visit BASELAYER.com