Siemens' contributions to World Expos - Tradition of Innovation



•Warning bell for railroads



•Steam-driven electric dynamo for generating electric light

Vienna



• Complete suspension railroad waqon



•Colored water fountains and decorative fountains



•Floodlight with an inside diameter of 1.2 meters



•Siemens has its own pavilion at the Expo site



•Strategic Partner of Enel for the Smart Grid Technology at Expo Milan 2015

 Control room for monitoring, controlling the electricity distribution grid of Expo area



•First magnoelectric pointer telegraph

London

1862



 Fundamental improvement of the telephone

Paris

Paris

1900

Brussels 1910

Brussels 1958

Seville

Shanghai 2010

Milano

Paris 1855

Paris 1867 Philadelphia 1876

Chicago 1893

0

St.Louis 1904

0

Paris 1937

0

Osaka 1970

0

Hanover 2000

0



London

1851

•Regenerative steam engine



•William Siemens visits Niagara Falls and suggests using the water power to generate electricity



 Complete X-ray cabinet



•Electroaccoustic system (50 combinations of loudspeakers)



 Official partner of Expo Technologies implemented: Five Permanent Construction



•First electric dynamo



•Floodlight with parabolic mirror



• Telex



 Exclusive world partner for information technology