



Cleantech Solutions.  
Anywhere.



Hospital  
Russia



## Challenges

- Importance of high hygiene to minimize nosocomial infections
- Radioactive waste volume to be minimized in order to reduce storage required for radioactivity decay

# Pirogov Center Hospital

The Saint Petersburg multi-disciplinary center of the Ministry of Health of the Russian Federation is located by the Fontanka river. The hospital was established in 1860 by the Holy Cross, and is hence one of the oldest hospitals in the city.

The health center was reorganized and renovated in 2010 and is now composed of surgical, trauma, urology, gynecology, endocrinology and oncology department, including radioactive treatment for the thyroid and cancer.

### Investment and Construction:

LLC Investbud, LLC Bascom

### Organization:

St. Petersburg Clinical Complex,  
Federal State Organization "National Medical and Surgical Center named after NI Pirogov" the Ministry of Health of the Russian Federation

### Evac Representative:

Jama-Engineering LTD



## Benefits



- Reduce radioactive wastewater storage
- High hygienic solution reducing risk factor



- Quicker plumbing design and installation in a historical building



- Full flexibility allowing preservation of the architecture of a historical building

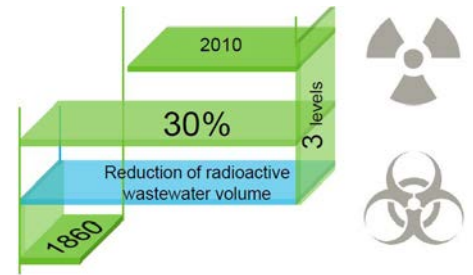
## Delivery scope

- 22 vacuum interface units
- 12 shower drains
- 10 Evac 910 vacuum toilets
- 3 interface units for gravity toilet
- 2 auto-flush units for toilets
- 2 vacuum collecting units type OnlineFlex

### Evac solutions for hospitals

Evac technologies offer significant benefits in hospital waste management and design for hospitals, clinics, radiotherapy units, dialysis centers, and retirement homes. More space is freed up for care facilities thanks to a reduced requirement for radioactive waste disposal tanks. Hygiene and patient comfort in hospital bathrooms are

improved thanks to effective flushing of odors and mists, and there is also a reduced risk of pipe leakage, which improves iatrogenic disease control. Furthermore, Evac technologies enable significant water savings and offer a fast return on investment for hospital construction, extension, and renovation projects, as well as in integration projects in mixed-use buildings.



Evac technology enabled quicker plumbing design and installation in a historical building



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Vacuum collection



Wastewater treatment



Dry and wet waste treatment\*



Fresh water generation



Systems automation

Evac Group is the world's leading provider of integrated waste-, wastewater-, and water management systems for the marine, offshore, and building industries. The company has executed over 20,000 marine, 2,000 offshore and 2,000 building projects worldwide. Evac has own offices in Brazil, China, Finland, France, Germany, Korea, Norway, Sweden and the USA, and representatives in more than 40 countries.

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\* Sold under Bvac trademark for the building industry.

