



CONTINUOUS MOTION, CONSTANT EMOTION

How to operate 365 days a year

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Timeline



1909

1912

1972

2009



Register of the Company



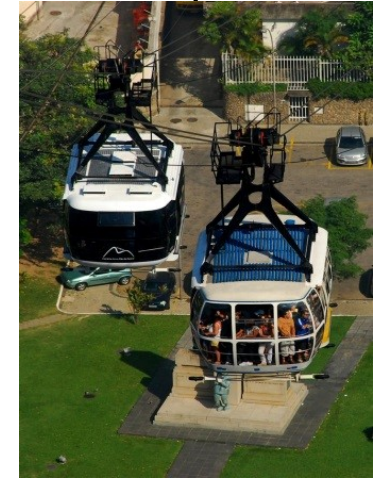
National Exposition in the Neighborhood – The Idea



Opening of the 1° Cable Car



Upgrade – The New Cable Car



New Cabins and Controls



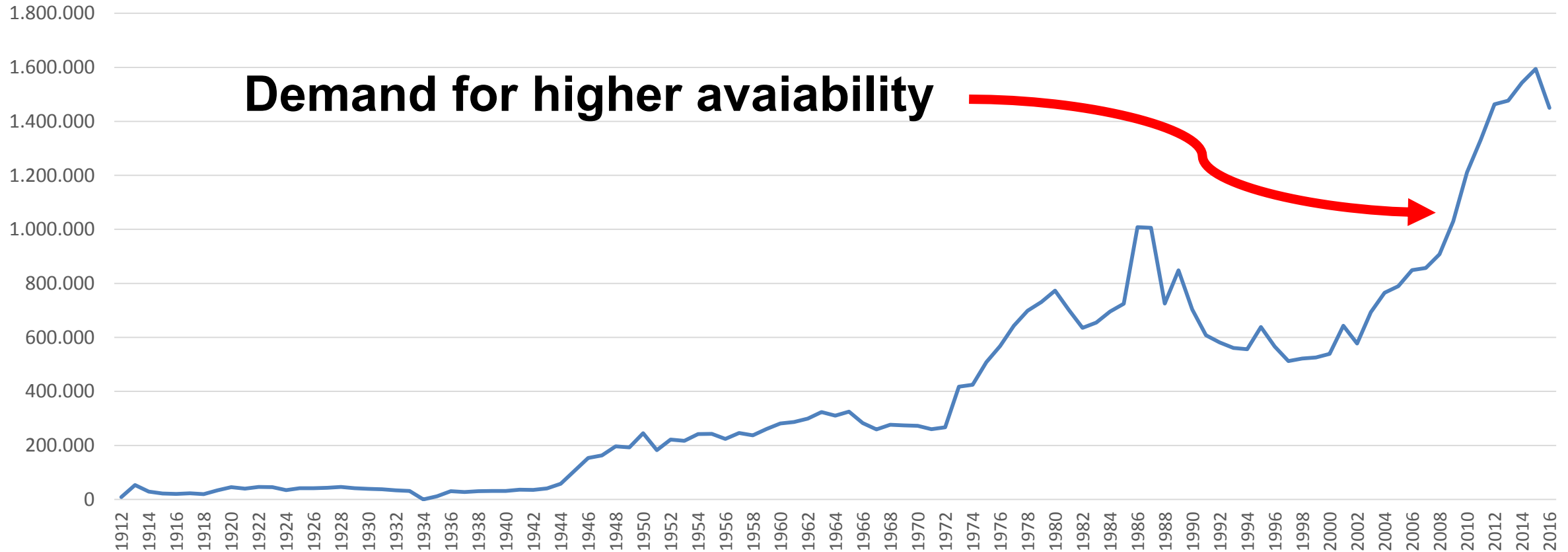
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Visitors



Visitors each year



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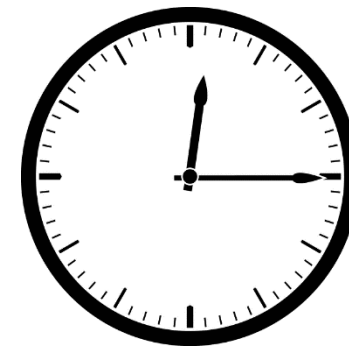




Operational Data



- Operating time from 08 am. to 09 pm – **13 hours/day**
- **Every day** of the year – closing only for special operations
- Technical availability **above 99,8% each section**
- General availability about **99,7% each section**
- Operational team **38 workers**
- Technical team **35 workers**





Basic Concepts



- Development of infra-structure
- Increased know-how
- Team constantly trained
- Autonomy
- Capacity to make decisions
- Workshop
- Equipments
- Spare parts management

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Development of Projects

- Increased know how
- Water/Sewer aerial system;
- Material cable car;
- Winches 3 Ton, 5 Ton and 10 Ton;
- Funicular for disables; etc





Special Operations

- Lower shutdown time
- Higher knowledge of personal
- Higher commitment of the team
- Development of own equipment
- Examples: New controls – shutdown 1 week, new cabins – no shutdown, cable changing – 8 track cables in 6 weeks



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Dificulties x Advantages



- **Legal conditions**
- **Costs**
 - Personal
 - Night work
 - Equipments and material
- **Responsability**
- **Lower shutdown**
- **Media and brand visibility**
- **Less dependance from manufactures**
- **Quick response for technical problems**
- **Optimization for others maintenances**





Conclusion



- More than a maintenance structure, it's **designing and fabrication** in a lower level
- **Distance to manufacturers** is a key factor
- Option for more **flexible maintenance plans**, according to client needings and capacity
- The key word is **autonomy**





**THANK YOU
GRAZIE MILLE**