

Powered by  <sup>tm</sup>  
**TixPoint**



*The future of Ticketing - **TixPoint**<sup>tm</sup> is the first full-featured, web-based infrastructure, with distributed ticketing<sup>tm</sup> and admission control from a secure central server.*

- P**owerful, Flexible, Fast - can handle toughest demands
- O**nline - user friendly, multiple interfaces
- I**nexpensive Operation - environmentally responsible
- N**o Capital Cost - low per-transaction fee only
- T**otal Solution & Control - full admin reporting

*Contact your regional representative  
or email [info@TixPoint.com](mailto:info@TixPoint.com)*

# COST-EFFECTIVE

pay as you grow - small transactional cost of a few pence  
low-cost, high-quality turnstiles are fully integrated  
client-side can use inexpensive basic computers  
reduces all areas of administrative overhead  
IT maintenance and support included  
no cost for software or upgrades  
no cost for servers or printers  
blank ticket stock included

full administrative reporting

extensive security, tracing, event logging

multiple sites & admissions on single tickets

## CAPABLE

approved fiscal system

cash-in-drawer audits

payment options – cash, cheque, accounts

integrated major credit card processing

statistical & entrance views

## COMPLETE

concurrent-currency

multiple-currency

combined pricing of tickets & gift shop items

customised classes (e.g. 'senior', 'child')

promotional code discounts

account-specific wholesale rates

normal & wholesale pricing levels on all

membership schemes with full management

open, unrestricted formats

date and/or time restricted formats

gift shop functionality is fully integrated

seating plan formats (zone-section-row-seat)

interpretive aid lending and security management

sales on-site, at wholesale or retail agents, & internet

tickets can print anywhere, even on normal office printers

## COMPREHENSIVE



## COMPARING COSTS... SAVING TIME & MONEY

Obtaining a complete picture of an organisation's costs related to ticketing and admission is not always an easy process. In addition to the hard costs, many soft and opportunity costs are lurking which must be properly analysed for a valid business-case comparison.

Use this guide as an outline for most common expenses. Pro-rate as needed (\*) to compare average annual costs over a realistic service life...

### **HARD COSTS –**

	<u>Compared System</u>	<u>TixPoint™</u>
<i>transaction charges</i>	no cost	_____
<i>initial software purchase*</i>	_____	no cost
<i>software upgrades*</i>	_____	no cost
<i>software customisation*</i>	_____	no cost
<i>server computer hardware*</i>	_____	no cost
<i>www network facilities*</i>	_____	no cost
<i>POS computer(s) hardware*</i>	_____	no cost / _____
(TixPoint™ uses any standard PC – often less expensive or can be included with leasing option)		
<i>POS(s) printers / scanners*</i>	_____	no cost
<i>POS(s) annual maintenance</i>	_____	no cost / _____
(standard PCs are often less expensive to maintain – printer/scanner maintenance always included – full POS maintenance can be included with leasing option)		
<i>blank ticket stocks</i>	_____	no cost
<i>entrance turnstiles*</i>	_____	no cost / _____
(TixPoint™ uses high quality self-controlled PERco turnstiles – often less expensive – the cost of turnstiles can be included with leasing option)		
<i>turnstile annual maintenance</i>	_____	no cost / _____
(maintenance is included with leasing option)		

Most often, **TixPoint™** is less expensive - even when only considering the hard costs of ticketing and admission. But the full cost comparison is really only just beginning.

It is the soft costs that all too often go uncounted, yet these can represent 20-50% of an organisation's cost of ticketing and admission in real terms - the hidden labour and administrative costs...

### ***SOFT COSTS –***

	<u>Compared System</u>	<b>TixPoint™</b>
<i>ticketing customer service</i>	_____	no cost
<i>online sales fulfilment</i>	_____	no cost
<i>wholesale/group fulfilment</i>	_____	no cost
<i>collection of funds from outside sales</i>	_____	no cost

The areas above – in other systems - are usually performed by the organisation... at a cost in labour. With **TixPoint™** though, outside sales are completely self-managed, and revenue collection is assured. You will also find the general administration time to be improved with **TixPoint™** due to more user-friendly reporting and audit logs.

Finally, consider all the features and opportunities that come with **TixPoint™**. No other system offers the full range of marketing and business capabilities. What is the cost of not having any of these, or the value represented by their availability...

### ***OPPORTUNITY COSTS –***

	<u>Compared System</u>	<b>TixPoint™</b>
<i>combination ticketing internally</i> ( <b>TixPoint™</b> can even combine admission and gift shop items in a promotional offer)	?	included
<i>combination ticketing with others</i>	?	included
<i>direct online sales portal</i>	?	included
<i>tour agency, school and group portal</i>	?	included
<i>hotel and other agent portal</i>	?	included



***For The Savings,*** The Choice is Clear!



## SAVING THE PLANET... ONE TICKET AT A TIME

Protecting the environment is everyone's responsibility, yet it is easy to underestimate the environmental impact of ticketing and admission operations... after all, it's just a small piece of paper...

The **TixPoint™** system minimises the use of precious resources through multiple admissions and multiple sites printing on a single ticket. The **TixPoint™** network extends this efficiency across multiple operators.

And little things can add up to big savings...

### **CASE STUDY –**

**Heritage Malta**, the Maltese Government Agency for Cultural Heritage

**Location:** Malta, European Union

**Sites:** 24 attractions including 7 UNESCO World Heritage sites

**Old System:** Galaxy (Gateway Ticketing)

**Usage:** Approximately 1.3 million admissions per year

### COMPARISON -

	Old System	<b>TixPoint™</b>	Savings
<i>paper volume</i>	9,000 m <sup>2</sup>	2,300 m <sup>2</sup>	75%
<i>paper weight</i>	1,650 kg	230 kg	86%

Savings like these are enhanced, by the ability of **TixPoint™** to remotely add entrances and sites to tickets that already exist in the field, by the use of recyclable stock with low-impact security inks, and by imaging on equipment that is 83% lighter with less end-of-life waste.



***For The Planet,*** The Choice is Clear!



## AUDIO GUIDE SERVICE... ERGONOMIC EFFICIENCY



**TixPoint™** service can also be provided with the **i-Point™** Audio Guide Service - also at no capital expense. A small charge per ticket covers the full service, including translation, recording, all audio guide equipment, and maintenance.

**i-Point™** guides are ergonomically designed for the user's maximum comfort, and extremely durable. Provision is also made for multiple listeners and for use of induction loops by hearing-impaired guests.

All translations and recordings are done in-house by **TixPoint™** using only native-language speakers. By controlling the entire supply chain - from our own contract manufactured units, through our own translators and recording studios, to the efficient **TixPoint™** System lending and security functions, we are able to save significant costs for our clients whilst providing an improved information experience for their guests.

### ***i-Point™* OPTIONS –**

#### **Standard In-Hand Units**

- with or without LCD display
- passive RFID auto select/play
- ergonomic design, easy operation
- long-life rechargeable batteries
- up to 32-language, 950 tracks
- ideal for pre-recorded i-Point tours

#### **Guided Tour Units**

- multiple channel receiver
- guide lapel microphone, hands-free headset, or handheld transmitter
- ideal for live tours

*All equipment, maintenance, authoring & updating with no capital cost*



***For The Options, The Choice is Clear!***



## AUDIO GUIDE SYSTEM

Lightweight, Hand-free, User-friendly

Combining superb digital sound, exceptional durability and user-friendly features, **TixPoint** offers a modern and affordable audio solution for museums, galleries, and historic sites.

### FEATURES:

- audio-guide player's size, shape and weight are carefully designed to ensure handling comfort.
- Featuring a raised and dotted keypad (Number 5) for visitors who are visually impaired, making the tour accessible to more visitors.
- Symbol marks, including "stop", "play", "pause" and volume buttons, easy to be operated by visitors.
- Built-in Speaker with quality sound using new digital compression technology. With additional headphone jack for the second listener.
- Incorporated with 256MB SD card, makes mixed storage of music and speech in several languages inside the unit possible.
- More than 4-hour (256 minutes / stereo) capacity.
- Rechargeable function design - matching **TixPoint** charger.
- Fully-charged batteries can be used more than 10 hours in succession.



10-slot Audio Guide Charger

10-slot Audio Guide Charger with USB Download



Audio Guide Player



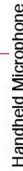


Addressing groups of people discreetly and without sound reinforcement is difficult, especially when conducting tours of factories, places of interest and conferences. High ambient noise levels and speaking outdoors present special problems making it essential to use an effective communication system.

**Tipoint** wireless tour guide systems can be used anywhere and is most reliable!

- UHF band 740-865 MHz, PLL synthesized with 16 selectable frequencies, multiple channel operation.
- Portable, wireless listening, easy to set up and use. No installation is required. Operating over distance approximately 50 ~ 80 meters (open area).

- It accommodates any number of users with additional receivers.
- Up to 8 frequencies can be used simultaneously allowing the system to be used for multi-language or simultaneous translation applications.



### Bodypack Receiver



### Dual-Slot Charger



## Stationary Transmitter



### 36-Slot Charger Carry Case

■ Key Specifications / Overall system		■ Bodypack Receiver	
<b>Oscillation type</b>	P.L.L. synthesized	<b>Receiving mode</b>	P.L. single channel receiving
<b>Carrier frequency range</b>	UHF 740 ~ 865 MHz (according to regulation)	<b>Sensitivity</b>	2 μV @ 20dB SINAD
<b>Adjustable frequencies</b>	pre-programmed 16 select frequencies	<b>RF spurious rejection</b>	60 dB
<b>Switching bandwidth</b>	max. 12 MHz	<b>Adjacent channel performance</b>	60 dB
<b>Maximum deviation</b>	30 kHz	<b>Double intermediate</b>	13.06 MHz / 10.7 MHz
<b>Dynamic range</b>	comparator and ALC	<b>Audio level</b>	300 mV @ 1kΩ
<b>Power output</b>	> 80 dB	<b>Audio input</b>	0 dBV
<b>Power consumption</b>	50 ~ 100 mA when 2	<b>Surprise connector</b>	3.5 mm jack socket, for mono or stereo
<b>ProDuo-emphasis</b>	tone key and noise lock dual squelch	<b>Life in speaker</b>	50 mW / 32Ω
<b>AF Frequency response</b>	100 Hz ~ 12 kHz @ AUX	<b>Battery life Ni-NiMH. Rechargeable</b>	14 hours typical
<b>AF Level Sensitivity</b>	adjustable	<b>Battery life Alkaline disposable</b>	24 hours typical
<b>Battery</b>	12V (Ni-NiMH, 1300mAh) x 2 AA (rechargeable battery) 5V ~ 60 mA (operating load)	<b>Weight</b>	99 g less battery
<b>DCIN</b>	15V x 2 AA Alkaline disposable	<b>Dual Charger</b>	
<b>Operating range</b>	50 ~ 60 m (open field)	<b>Number of charging</b>	2 (receiver or transmitter)
<b>■ Bodypack Transmitter</b>		<b>Power requirement</b>	115V/250V AC adaptor 12V DC 500mA
<b>Mike</b>	super cardioid dynamic mic	<b>Indicator lights LED orange</b>	battery ready
<b>RF output</b>	10mW (according to regulation)	<b>LED green</b>	charging current (max. 100mA)
<b>AUX IN</b>	-100V @ 1kΩ	<b>Charging current (max. 100mA)</b>	3.4 hours
<b>Battery life Ni-NiMH. Rechargeable</b>	17 hours typical	<b>Charging control</b>	PWM control, ΔV and timer power-off detector, one-time battery detector
<b>Battery life Alkaline disposable</b>	24 hours typical	<b>Dimensions (DxWxH)</b>	135 x 100 x 80 mm
<b>Weight</b>	99 g less battery	<b>Weight</b>	100 g
<b>■ Stationary Transmitter (NEAR Monitor)</b>		<b>■ 36-Slot Charger Carry Case</b>	
<b>RF output</b>	10 ~ 50 mW (according to regulation)	<b>Number of charging compartments</b>	36 (receiver or transmitter)
<b>Antenna</b>	TNC connector (helical antenna)	<b>Indicator lights LED orange</b>	100 ~ 240V AC switching adaptor 12V DC 7A
<b>Audio outputs</b>	6.35 mm and 3.5 mm jack plug for stereo earphone	<b>Indicator lights LED green</b>	battery charging
<b>Output level</b>	0 dBV	<b>LED green</b>	battery ready
<b>Audio metering</b>	5 LED rating	<b>Charging current (max. 100mA)</b>	300 ~ 330 mA
<b>Battery life Ni-NiMH. Rechargeable</b>	12 hours typical	<b>Charging control</b>	PWM control, ΔV and timer power-off detector
<b>Battery life Alkaline disposable</b>	24 hours typical	<b>Dimensions (DxWxH)</b>	87 x 37 x 20.5 cm
<b>Weight</b>	125 g	<b>Weight</b>	9.6 kg

**FREQUENCY : 1. 740 ~ 752 MHz 2. 794 ~ 806 MHz 3. 863 ~ 865 MHz**



## ACCESS CONTROL... COMPLETE FLEXIBILITY

**TixPoint™** service incorporates full access control management with complete flexibility in deployment application.

Admissions can be verified via computers with fixed bar-code scanners, handheld WiFi or 3G scanners, or turnstiles.

**TixPoint™** manufactures its own control circuitry for turnstile connection which becomes an independent device on the client network and accesses the **TixPoint™** server directly. These can interface our own supplied turnstiles or other existing ones.

**TixPoint™** highly recommends PERCo turnstiles and distributes these to our clients on a lease-based system, similar to our pay-per-ticket service pricing.



Following are some of the more common PERCo products we use. Ask us for the full catalogue.

### **TixPoint™ LEASED TURNSTILES –**

- no capital cost for infrastructure
- simple pay-per-entrance plan
- high quality PERCo turnstiles
- support/replacement included



***For Integration, The Choice is Clear!***



PERCo manufacturing plant



Sheet-metal working shop



CNC machining centers



Assembly shop

## PERCo in brief

- over 22 years of expertise in the security industry
- export to over 72 countries worldwide
- PERCo trademark registered in 20 countries
- over 10,000 sq. m of production space
- over 400 highly skilled employees
- sales network of over 300 companies worldwide
- headquarters and R&D Division
- modern manufacturing plant
- finished-goods warehouses
- duty-free warehouse in the EU (Tallinn, Estonia)

At PERCo, we are committed to delivering a broad range of innovative, high-quality entrance and access control products that meet our customer's needs for efficiency, security and aesthetic design.

## Research and Development

All products by PERCo are in-house designed. Our R&D Division strives constantly to improve our products, services and processes. We invest considerably in new material and technology research to bring the best possible products to the security market.

## Production & Quality

The PERCo manufacturing plant in Pskov is a state-of-the-art production facilities equipped with sophisticated and high-tech machinery.

The multilevel quality management system ensures thorough control through all the production stages and pre-sales service.

All PERCo products are CE and GOST certified.

## Service & Maintenance

PERCo is very particular about effective performance of its products.



A finished-goods warehouse

# TURNSTILES GATES RAILINGS



TTD-03.1 box tripods and railing system



TTR-04W tripod turnstiles



TTD-03.1 box tripods and WMD-04 wicket gate



TTD-03.1 box tripods turnstiles and WHD-03 wicket gate

## Turnstiles, gates, railings

PERCo turnstiles, gates and railing systems are used for control of pedestrian flows and access at a wide variety of settings including industrial, commercial and transport facilities, financial institutions, sports and leisure venues, etc.

The product family of entrance control products designed and manufactured by PERCo covers a wide range of security, dimensional and aesthetical requirements and includes:

- compact tripod turnstiles
- box tripod turnstiles
- waist-high rotor turnstiles
- waist-high wicket gates
- full height rotor turnstiles
- full height security gates
- railing systems

Combined with access control systems, biometrical, ticketing, fire alarm or similar devices, PERCo entrance control products provide the level of security to meet even the most exacting requirements.

A combination of elegant exterior, fast throughput and proven high reliability makes PERCo waist-high entrance control products a universal solution for entrances of buildings, offices, outlets, leisure and entertainment facilities.

PERCo turnstiles and gates can be supplied with matching railings which enables to form passageways of any desired configuration.

The hinged railing sections of rotary type are purpose-designed to provide unobstructed and fast escape routes in the event of an emergency.

With over 20 years expertise in the security industry, PERCo delivers products with high reliability and performance field-proven at tens of thousands of installations worldwide.



Full height RTD-15.1 rotor turnstile with RTC-15R canopy

# TURNSTILES GATES RAILINGS

## PERCo-TTR-04.1

tripod turnstiles



### Application

The TTR-04.1 compact tripod turnstiles provide a universal access control solution. The high throughput capacity of this model enables effective management of even intense pedestrian flows.

### Design

- for indoor application
- LED display with bright pictograms

The elegant compact housing and optional installation together with the BH-01 series railings will allow for any entrance configuration.

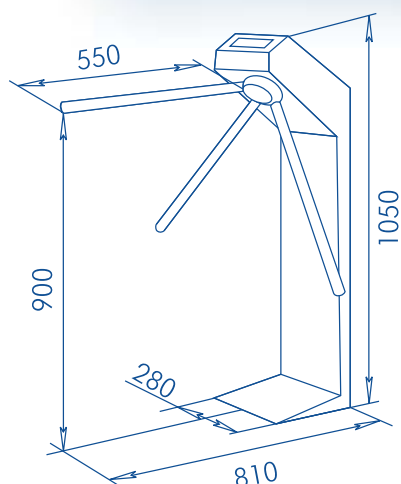
### Delivery set

- turnstile with built-in electronics
- remote control panel

### Materials and Finishes

Housing – powder coated steel

Barrier arms – stainless steel



Sandpaper powder coating with pearl mica effect; light beige colour



Sandpaper powder coating with pearl mica effect; dark grey colour



Powder coating with lacquered finish; starlit night colour



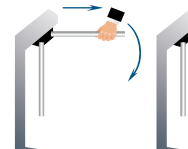
Remote control panel



LED display



Key override controls for emergency situations



Anti-panic folding arms



Temperature range



30 persons/min



2 way control



6 operating modes

12V DC power supply



TTR-04.1 indoor installations



#### Application

The T-5 turnstile provides a low-cost entrance control solution for businesses and organisations who want a full-featured turnstile at the most economical price.

#### Design

- for indoor application
- light directional indicators

With the functionality, mechanics and electronics similar to those of the TTR-04.1 series, this turnstile features a lighter construction design and simpler light indication.

Reliability and durability of the new T-5 turnstile meet the same high quality standards as set by the TTR-04.1

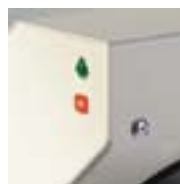
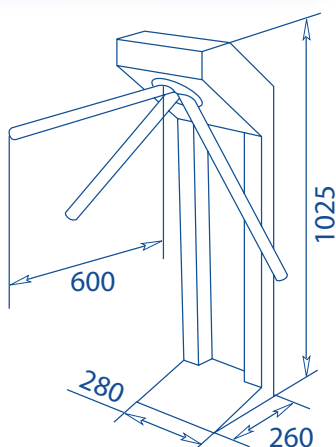
#### Delivery set

- turnstile with built-in electronics
- remote control panel

#### Materials and Finishes

Housing – powder coated steel

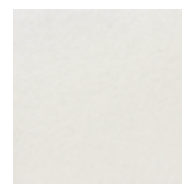
Barrier arms – stainless steel / painted steel



Light directional indicators



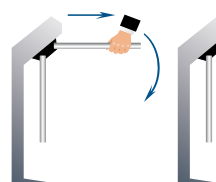
Key override controls for emergency situations



Sandpaper powder coating; light gray colour



Remote control panel



Anti-panic folding arms



Temperature range



30 persons/min



2 way control



6 operating modes



12V DC power supply



Installation examples of the BH-01 railing systems