



Technology in the play space



The Pain Point

Parents today are increasingly concerned that more screen time means an increased risk of **childhood obesity**.

These trends have been linked to negative long term **social**, **educational** and **health** outcomes.



- Most playground manufacturers recognise the importance of introducing technology into their product offerings
- From fitness to Waterplay and everything in between, technology is providing enhanced play experiences for children in the outdoor play space



Biba Smart Playgrounds

Biba games transform traditional playgrounds into **smart play structures** using the touchscreen devices found in every parents' pocket or purse.

All of our games are **free-to-play**, family friendly, localizable, and available for both **Apple** and **Android** devices.

How it works...

Every park has a branded entryway sign that encourages downloads, turning every playground into a point of distribution.



This data is encrypted, aggregated and anonymized before being shared with interested stakeholders: from parks board to parents!

Every gameplay session adds to a proprietary database that will steadily map out the North American playground ecosystem.

The Data Difference

Today, virtually every industry is being transformed by the availability of **big** or **deep** data.

Surprisingly, our research has shown that **very few cities** have access to any sort of real-time data.

As a result, public capital expenditures are made in an unavoidable vacuum... but one which **Biba can help populate.**



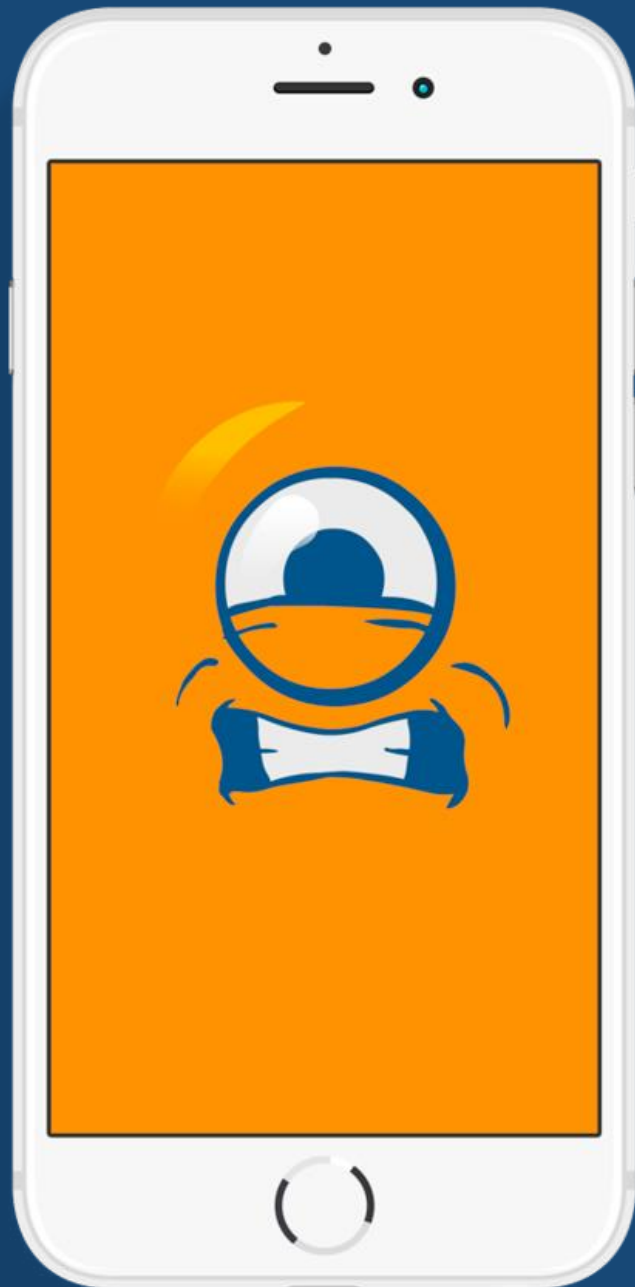
The Data Difference

Our system **gamifies** data collection for an urban ecosystem that **has very little**.

Every Biba session generates a wealth of activity data that we cross-index with **third-party information services** like weather, time-of-day, census data, etc.

This combination produces an impressive analytic array from which we can extract play patterns relevant to **families, parks boards, municipalities** and other **community partners**.

Data Privacy



From day one, we have designed our system to be fully compliant with children's privacy laws (**COPPA** in the US and **PIPEDA** in Canada).

To ensure full protection for players, all information collected via a Biba gameplay session is **anonymized, segmented and encrypted.**



Simple, robust and versatile, TREKFIT's equipment is designed to meet the daily needs of both amateur athletes and people wanting to get back into shape.





TREKFIT's equipment facilitates progressive training by allowing users to do most of the exercises at various intensity levels. The exercise stations are made to accommodate many users simultaneously, thus allowing for individual and group training without restriction





A detailed instructional video of each exercise is available from your smart phone just by reading a QR code.

Trekfit's mobile application allows you to find Trekfit parks near you and tailor the workout to your specific needs





The brains behind the operation—the controller tells the water what it should do and when to do it. Waterplay's smartPLAY™ Controller works together with Waterplay's manifold and activators to create the perfect play experience for your project.

Programmable PLC features intuitive colour touch screen for easy use

- User configurable sequencing
- Local valve reassignment
- Easy to use 24 hour programming clock, timer and calendar

Ability to program and synchronize water and light features to create a spectacular display

Designed and constructed to the highest standards

Features a Nema 4 classified enclosure





The controller can control multiple play spaces from one screen though the intuitive user interface and collect data for analyzing and reporting. Waterplay's smartACCESS connects you to what's happening at your play space anywhere, anytime.

- Ability to sequence and manage water consumption remotely
- Automated data logging options
- Online access to your play space reduces on-site maintenance and operation costs
- Technical videos available to support maintenance staff on the go
- Simple user interface
- Cross-channel access available for PC and Mac, tablet, and smartphones



Adding sequencing to your aquatic play adventure creates more fun on the pad while conserving water.







Percussion
Play[®]
Outdoor Musical Instruments
for everyone, everywhere



playground
PLANNERS



Questions?