INTERNATIONAL

Centek International (HK) Ltd.

Our Profile

- Centek International (HK) Limited, incorporated in September 1991, started its business with a team of professional engineers experienced in the field of electronics product design, research and development

- Adopting the 'collateral thinking' approach in our product design over the years, we have developed various original gaming designs and products while maintaining excellent quality at competitive prices

- With our expertise and solid experience, we are one of the leading designers in such products as: LCD hand-held and pocket games, Talking toys, Educational toys, Interactive toys, Voice recognition products and robotic toys, etc.

- In addition, we provide PC and mobile application development to extend the customer product market.

- Centek is a qualified software suppler for Microsoft ,Apple, Goolge, Nintendo and Sony

Our Suppliers

Our Customers

HASBRO

Fisher-Price

Playmates®

MATTEL®

Walt Disney World®

YOMEGA

vtech®

WowWee™

SPIN MASTER

TECH 4 KIDS™

TAKARA TOMY

ROCK BAND™

HANSON ROBOTICS

Brookstone®

LEXIBOOK®

ROKUHAN JAPAN //

IMC Toys

Silverlit®

THE ORIGINAL Toymakers SAN FRANCISCO

Si super impulse

Our Innovation

Electronic Mechanical Toys

RS Media

RS Media is an evolved version of Robosapien V2, combining his engaging personality and advanced technology with cutting edge multimedia hardware and personality editing software. RS Media is a complete multimedia experience that enhances both direct and autonomous interaction with his owner and environment.
A full colour LCD display in his chest, speakers in his armor and a head mounted camera give RS Media cutting edge multimedia capabilities. Using the PC software provided, download and transfer stored data files on RS Media via USB or SD memory card to view photos and videos, play Java games, music and sound files.

Robopanda

'Let's play a game!' Robopanda is a fun-loving and curious robotic friend. There is no controller so you simply interact with him by touching or activating his many sensors. Robopanda will play on this own or with this own plush panda accessory, but the fun is never complete without your interaction, which determines the outcome of stories, games and even the mood he is in. Animated, talkative and playful, Robopanda is the perfect companion to play and learn with, and when the play is over, curl up and he will read you a bedtime story
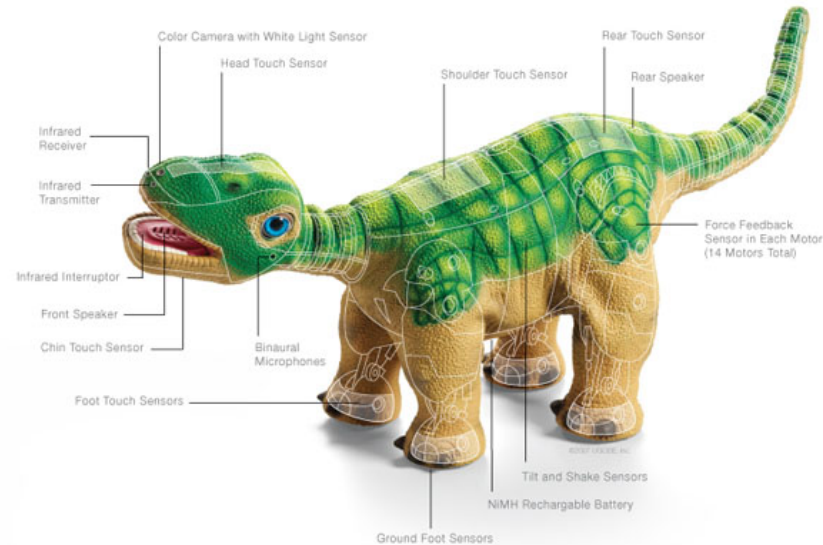
Pleo dinosaur

A robotic intelligent pet with plenty of sensors to enable its lifeform reactions to the external environment

Features:
- Color tracking. Light sensor
- Tilt sensor, cap sensor, button switches, 5 sound direction detection, 13 motors complex animations,
- Stretchable rubber skin
- PAWN script engine for robot custom programming Technology Highlights
- Even driven PAWN script engine
- Artificial intelligent for Pleo growth with external stimulus
- Complex motor control
- USB serial connection for PC direct control

PAWN script engine

D-REX™ Interactive Dinosaur

What kid wouldn't want their very own dinosaur? D-Rex™ combines robotics, sensors, and reptilian-like skin for ultra-lifelike appearance and behavior. An interactive pet with an independent "personality," D-Rex™ walks, roars, and makes funny noises to let you know what he wants, including feeding and petting. Plus, teach D-Rex™ tricks by programming him to perform a sequence of up to 30 actions!

· A loyal friend to his master!
· Has a ferocious charging "attack"!
· Can follow the sound of the child's voice
· Protects child's room while in roaring guard mode
· Great for ages 8+

Yano

Yano is an interactive robot that can tell an interactive story while expressing its emotions by moving its facial features and parts of its body. By selecting the picture displayed on the IR touch pad, the user can control Yano's gestures and motions. The main program provides options for the player to choose their own adventure and to determine a different story ending. We successfully tailor-designed the IC for Toymakers' Yano to control the main body, IR control unit and cartridges.

Roboquad

Roboquad is an inquistive robot with unusual movements and advanced sensor array. Change his awareness, activity or aggression levels to completely alter his personality and behaviors. Interact with his long range, deep IR scanner and sound sensor, control him with the full function remote and watch him react to light. Roboquad has a long battery life for prolonged missions. Invite one home and be part of the friendly invasion. Roboquad has a Deep IR Sensor, Light Sensor, Sounds Sensor and Personality Settings.

Talking Buzz Lightyear Action Figure -- 12''

''This is an intergalactic emergency,'' declares your favorite Space Ranger who's come to the rescue with this *Talking Buzz Lightyear Action Figure*. Our Buzz Lightyear toy has lots of exciting features that will give your young *Toy Story* fan a smile that stretches to infinity and beyond. Imported.

Features:

- Press button to hear five different Buzz phrases
- Features voice sampler and sound effects
- Press button for wing release
- Press arm laser button for laser light and sound!
- Retractable helmet
- Poseable joints
- Buzz's Space Ranger suit features special glow in the dark effect!
- Plastic
- 12'' H
- Requires 2 AA batteries, included
- Ages 3+

Robotic Bigfoot

Fisher-Price will be introducing Imaginext Bigfoot The Monster at the New York Toy Fair. The toy is a remote controlled monster friend for kids three to eight. It makes facial expressions and makes over 80 actions and phrases, including "Wanna Play?" Bigfoot can be made to walk forward and backwards, elicit happy or angry emotions, fall asleep, throw a ball and exercise. Bigfoot can also perform forward somersaults and a backwards roll. Bigfoot also has interactive touch points on his belly and mouth. The toy will arrive at stores in June.

Little Mommy™ Walk & Giggle™

Little Mommy Walk and Giggle doll needs your loving care as you nurture, play and help her take her very first big girl steps! Try to keep up as this interactive doll goes from sitting, to standing, to walking with you, and all by herself! This "big girl" also loves to play peek-a-boo, "drink" from her bottle and take her puppy pull toy for a walk. Fully interactive doll includes 60 phrases, sounds and songs.

Amazing Amanda

Amazing Amanda is one of the first ever interactive large dolls that utilizes voice recognition, sensory technology and articulated animatronics and the result is revolutionary, nurturing play. Amanda is a toddler who speaks, is getting potty trained, and eats the foods that toddlers love. She can recognize her 'mommy's' voice and can respond after just hearing it three times. Her facial expressions reflect her emotions. She measure 20 inches tall and requires 3 "C" batteries.

Features:
- Artificially intelligent interactive doll
- Amanda engages you in two-way conversations
- She laughs, talks, cries, plays games and asks for hugs
- Amanda's facial expressions change to reflect her mood
- She is able to interact with her play accessories

VTECH - Little Love learns to crawl and walk!

- Interact with baby through 10 activities.
- Clap your hands or cheer her on to encourage crawling and walking step by step.
- Hold baby's hand and go for a walk and listen to fun sounds and music.
- Encourages nurturing play as your little one completes tasks for baby or gives baby her dummy or bottle to hear cute sounds and phrases.

RS Genesis

The world's first-ever affordable home utitility robot has arrived. Meet RS Genesis – a stylish and functional domestic robot standing 28 inches high, with more features and utility than you ever thought possible.

Features:

- Mobile PA: keep track of your contacts and appointments, record voice memos
- Multimedia functions: records and stores audio and video
- Vision systems: has camera on head and arm
- Sound system: quality stereo speakers and woofer for your music
- Teleprescence: speak to friends through RS Genesis and hear their replies
- Mobile Camera: takes photos and video clips and plays them back
- Odometric Navigation: tracks its position by distance traveled
- Path Following: using stored maps, RS Genesis can move around its environment
- Butler service: Smooth, quiet operation and soothing TTS voice gives a refined feel
- Remote operation: use the internet to manipulate when away from home

Intelligent Controller
with LCD Screen and WiFi
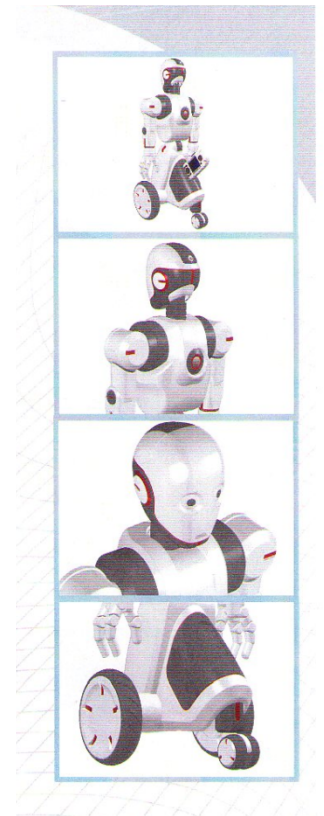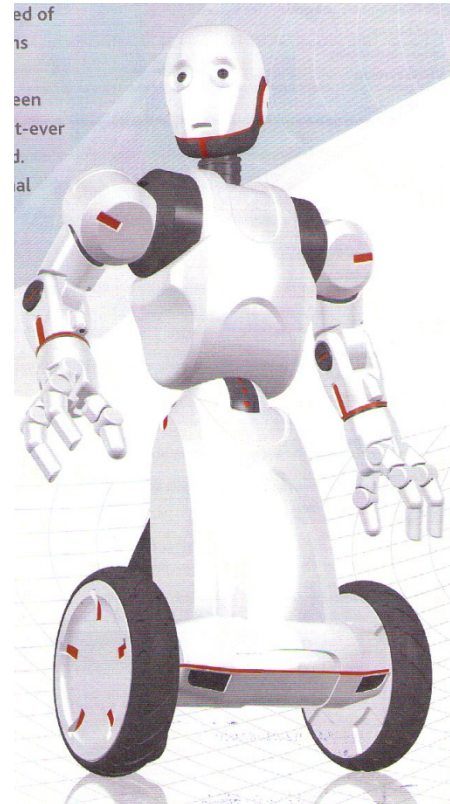
Takara Tomy - iSobot

i-SOBOT is endowed with

*   17 custom developed
*   servo-motors
*   19 integrated circuit chips
*   a built in gyro-sensor,
*   2 LEDs,
*   voice command recognition

and can speak and perform hundreds of
words, phrases and preprogrammed
actions, over 90 kinds
of sound effects and play five songs.
Movements feature walking, dancing,
martial arts, pushups,
soccer and many more.
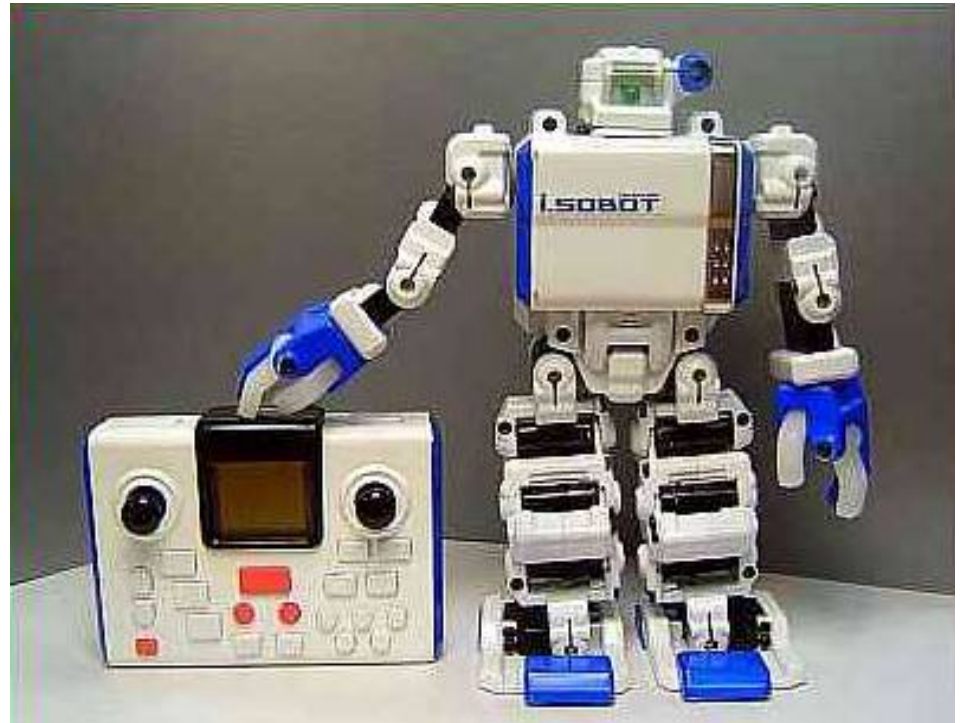
Spin Master - Meccanno Series

Meccanoid is a highly intelligent programmable robot. The Meccanoid was described by Popular Science as "The smartest DIY bot to ever spill out of a box" and the G15 robot featured in Time magazine's 2015 article: "These Are the Gadgets Everybody Wants This Holiday".

These robots are very popular and used by a lot of school for STEM education purpose.

Meccanoid G15 Personal Robot

Meccanoid G15KS Personal Robot

Meccanoid 2.0

details

Meccanoid XL 2.0

details

Micronoid - Blue Basher

details

Micronoid - Green Switch

details

Micronoid - Red Socket

details

Spin Master - BB-8
 (16 inches height!!)

This interactive droid stands at a lifelike
  scale of 16 inches tall (19 inches with
  antenna).

Enjoy full control of your BB-8 with
- Multiple voice commands,
- 360-degree remote control movement,
- Unique Follow Me mode which allows
  Hero Droid BB-8 to roll along beside you
  just like in the film!

Hero Droid BB-8 rolls right out of Star
Wars: The Last Jedi with authentic lights
and sound effects, true to film animations,
and a replica design with premium paint
application.

WowWee Alive Elvis

Capturing the magic of this monumental performer, WowWee Alive's Elvis is a lifelike bust of the best selling solo artist in US history. Motion captured facial animations for amazing realism and expression utilitzing 'WowWee Alive' skin and animatronics and a leather jacket styled from the '68 Comeback Special, all add up to the greatest ever recreation of this legendary artist. Whether you're this greatest fan or new to the man and his music you an listen, learn and love the songs and history of the man they call The King

Features

- 8 songs in the song mode
- You can sing to the back track or duet with The King
- Stories and monologues told by The King himself
- Elvis will be animated to the music and sounds and make his characteristic 'Elvis sneer'

Got2Glow Fairy Finder

The Got2Glow Fairy Finder is equipped with a light sensor, microphone, speaker, LCD screen, plus a handle so you can catch the magic glow wherever you go!

Multi-media Accessories

Handheld digital Pet - tamagotchi

During 1997, We maintained its excellent performance in products such as K-1 Fighter – OEM for Hasbro Japan.

At the same time, electronic pet games were rising in popularity. We created five different versions, such as My Puppy, My Kitty, Pocket Dino, Family and the most popular, My Baby, which were introduced to some of the most recognized toy companies.

 Hasbro Asia, for example, purchased over 1 million units, and "Nano" for Playmates purchased over 10 million units at that times.

Hasbro Games
ハズブロ ゲ
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HASBRO

MyLife – Portable Console
Virtual Life Simulator

My Life is a virtual life simulator designed especially for girls. It's the ultimate digital pocket games console that combines the charm of virtual fashion dolls with video games. Becoming part of the My Life world is very easy, you just decide who you want to be and then create your own character. Each experience is different and each player can have fun by making a virtual life that can be shared with her friends. Just enter your desired physical appearance; shape of face, colour of eyes, skin colour etc. Then choose your look and personality. Add new fashions and accessories with Magic Cards, available separately. There is so much to do; shop, love and nurture your pets and play games. This great virtual game also has a one metre infrared connection to send text messages to your friends and an organiser with diary and calendar. Features fun cool graphics. Girls will love creating their own virtual character and playing games on this pocket console. A great way to entertain children on long journeys.

Tiny Arcade

The most iconic arcade video games are back in a size that will fit in the palm of your hand! The screen size is less than 1.5 inches and the overall cabinet sizes are 4×2 inches. Each Tiny Arcade comes with the complete gameplay, full-color, hi-res screen, authentic game sounds, joystick and two control buttons in a backlit arcade style cabinet.

1.44" TFT screen: 128 x 128 RGB color for various games:

Tiny Arcade Pac-Man
Tiny Arcade Ms. Pac-Man
Tiny Arcade Galaxian
Tiny Arcade Space Invaders

USB webcam

A USB webcam with toy graded Digital camera

Features:

- captures QVGA video
- Takes VGA photo
- Webcam functions
- QVGA video streaming with face tracking
- Can integrate with Instant Messenging software (MSN , AIM, etc) for online chatting

Technology Highlights:

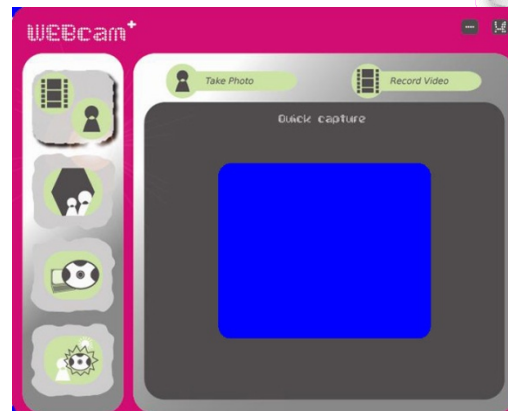- Face tracking with skin color detection features
- Photo frame editing
- Video encoding
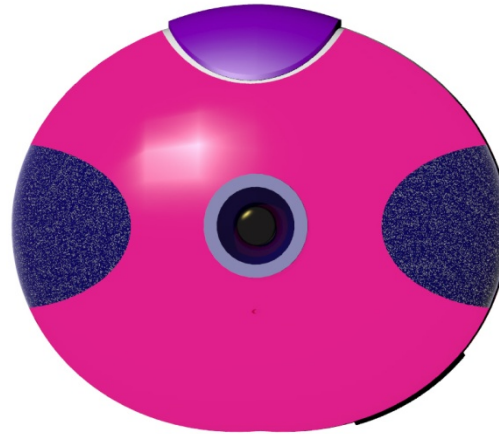
DC mode

Webcam mode

PC software

TinyPro USB

A True Mobile Projection Solution For Computers

TinyPro USB is the ultimate pocket projector for business people. It easily connects to computers via USB port, making it perfect for meetings, sales pitches, and business presentations. It also has n AV jack, allowing you to connect to DVD players, Video Game consoles, MP$'s, and even mobile phones. The TinyPro USB has a built-in rechargeable battery and charges through a USB cable. It is small and light, allowing you to take it where ever you go. No hassle – just plug in and project

Features:

- Projects up to 60"
- 640 x 480 VGA Resolution
- Uses standard USB connector
- Built-in speaker
- LED light source
- USB driver auto-installation
- AV out connection

Made for iPod

Works with iPhone

TinyPro Entertainment Project

The ultimate entertainment projector that fits in the palm of your hand. With LED light source and built-in sound, the TInyPro offers exceptional quality and is versatile. You can plug it in to any video outlet, from video game consoles to DVD players and even your iPod/iPhone with an Apple approved AV cable. Just point and project to the big screen

Features:

- Projects up to 60"
- 640 x 480 VGA resolution
- Uses standard RCA audio/video connectors
- Built-in speaker
- LED light source

Instant Massager

A wireless device which can be played
remotely in either a local wireless
environment and internet environment
Features:
•Custom programming for all the motor
control
•Low cost remote control
•USB interface to enable playing in PC
environment
•PC software to allow playing the device in
AIM network.
Technology Highlights:
•Network sniffering to intercept hidden data
inside the AIM peer-to-peer network
•WiFi ←→ low cost 2.4GHz   bridging
solution
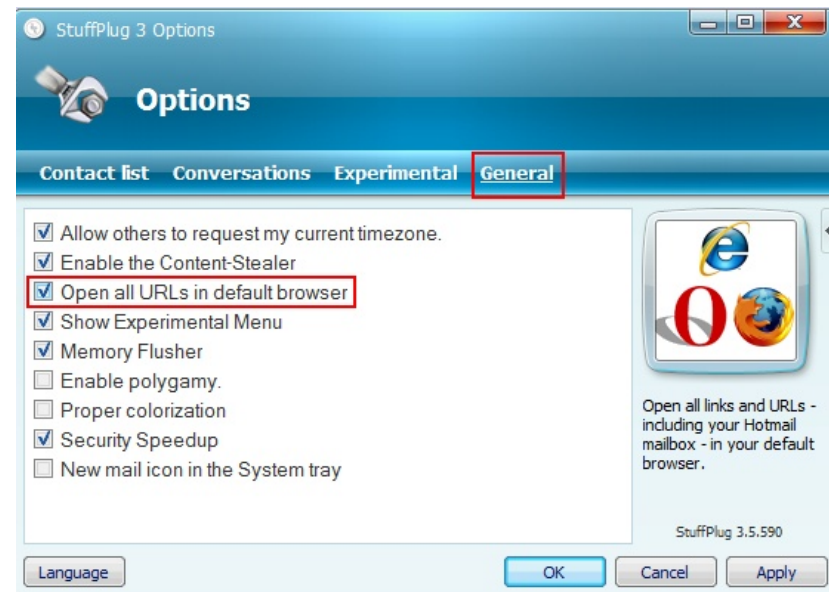
Poingo Reading Pen

Poingo is the next generation of interative books from the makers of Story Reader. Children ages 3 to 7 will love the adventure of unlocking hidden treasure on every page. Kids touch pictures of text and bring their favorite characters to life with words, sounds and music.

Poingo uses an infrared scanner to 'read' microscopic symbols throughout the book. You can't see the symbols but Poingo can. The symbols trigger Poingo to provide words, music or sounds through the onboard speaker.

Disney - Star war Voice Changing Mask

We used low cost sound IC to develop
Disney Voice Changing Mask for Star
War characters: Kylo Ren, Captain
Phasma and Stormtropper with
following features:

- Speak mode to sound like Star War
  character with sound effects
- Press Sound Button to hear Star War
  character phrases

Ideal - Silly Sausage Game

Turn Silly Sausage on and wait for his commands

5 sizzlin' actions: twist, stretch, poke, shake and dip

Single player, party mode and turbo

Brian the Brain, 2006 (A6042)

Customer

Mega Brands

Description

- Brian the Brain is an interactive educational toy for kids
- It has multiple learning tools like a talking dictionary and encyclopedia
- It features voice recognition which allows chatting and playing different games with players
- It also provides functions like speaker phone, music speaker, personal organizer and room guard
- Australian Toy Association 2007 Product of the Year Award

Technical details:

- Main components used:
- Generalplus GPL169121 (main MCU and LCD controller)
- Sensory RSC464 (voice recognition controller)
- Generalplus GPC11024A (motors and LEDs controller)
- 128 Megabyte NAND flash memory

GoBible, 2007 (A7066)

Customer
Contel

Description
•GoBible is an audio player with pre-recorded bible (complete Old Testaments and New Testaments)
•It is a low cost solution to high compression rate voice playback device

Technical details
Main components used:
•Sonix SNC711 or VLSI VS1000 (main MCU and LCD controller)
•512 MB / 1 GB NAND flash memory

Immerz - KOR-FX VR gaming Vest

The KOR-FX Gaming Vest uses award-winning 4DFX technology that transforms the audio coming from your games or media into pinpointed high-definition haptic (tactile) feedback.

Features
- **Synced haptic environmental feedback**
- **Plug and Play**
- **Platform Independent, updateable technology, no software required.**
- **Compatible with a wide variety of devices and media types**
- **Engineered to the highest standards with a focus on console and PC gamers**
- **Adjustable KOR-FX vest is compatible with most body types**
- **Highly customizable functions and settings enable a fine-tuned user experience**
- **Recommended for ages 12+**

Roto VR Chair

First motorized gaming chair for VR gaming.

Features
  - BLE head tracker for motion control
  - 360 degree rotation up to 22 RPM
  - BLE for APP control
  - USB for PC gaming control
  - Double Rumble for vibration effects.
  - With control box supporting:
          3 USB data ports (hub)
          2 USB charging ports
          24V 2A power for additional accessories
  which includes the TMX 150 Force Feedback
  Steering Wheel
Touch Pedals
Emergency button

GPU Display card mini-display

A tiny color LCD screen (480x120) solution bundled on the expensive gaming display card.

Features
  - Allow video streaming to the LCD screen
  - Provide temperature, clock rate for the display card.
  - Allow PC program to control the LCD screen display

Wireless Applications

Friend Link E Message Center Keychain (LF RF module)

it has buttons on it and it is a tool used for instead of passing notes in class you say a question to is and the other person gets your message instantly it came out in the 90's

Basic function:
- Link up with your friends
- Broadcast a message or send a private message
- Find new friends

Silverlit SmartLink Control Toys (IR module)

With a Audio Jack IR dongle, user can control their RC toys through the smartphone platform, including Ferrari cars, Helicopters, etc.

The app provides two mode for control:
gesture mode - tilt the smartphone to activate the car. drive forward/backward/steer left and right.
Virtual Joysticks- take a more traditional approach to R/C play but all with the connection between your phone and the car.

FERRARI SERIES

Spin master – Mecanno series robot (Bluetooth Low energy BLE connection)

- BLE connection with iOS/Android device for STEM programming with 3000+ pre-programmed phrases
- Voice recognition
- Smart servo for movement control
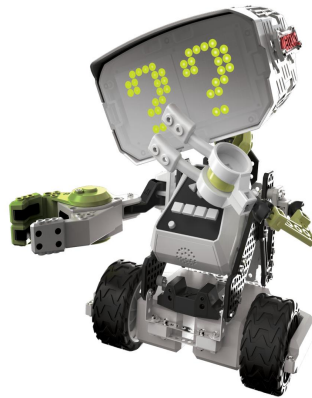
Takara Tomy – OhaNas (bluetooth audio module)

OHaNAS is a small bluetooth speaker with sheep outlook.

The toy connects with smartphone and stream the speaker audio content to Docomo cloud server to retreive daily information, such as: weather, cooking receipe, daily news, wikipedia, etc...

一家に一台。はなしに花が咲く、おしゃべりロボット。

OHaNAS
オ ハ ナ ス

クラウド

Wi-Fiもしくは
LTEなどの通信回線
（全てのキャリアで
ご利用頂けます。）

Bluetooth

音声認識
音声合成
docomo
自然対話
プラットフォーム

オハナス　　　スマートフォン、タブレット　　　インターネット　　　サーバー

全てのキャリアでご利用いただけます

VTECH - Wifi Storytelling Soothers (Wifi Direct data transfer)

- Soothing Storyteller with built-in 40 minutes of story time audio.
- Downloadable Stories, Sounds And Lullabies through iOS/ Android devices with WIFI connection.
- Record Your Own Stories And Messages in iOS/Android devices
- High quality Sweet Songs And Sounds

Dimmable soft-glow night light

Connects to your mobile device using Wi-Fi

Volume control

Auto-off timer

Storytime Theatre Projector (WiFi video streaming)

Its bedtime fun for everyone with Storytime Theater!! Simply download the free app, place the Press N Play character onto the screen of your tablet to unlock the story, and watch as the story magically comes to life on your wall or ceiling through your Storytime Theatre Projector.

Hanson Robotics – Professor Einstein (Wifi Internet connection)

Professor Einstein connect to the cloud and interact dynamically with an iPad or Android tablet to talk with you, share my passion for science, challenge you with brain games, and take you on a journey of fun and learning. Looking just like the real Albert Einstein, I have an amazingly expressive face, I will make you smile with educational games and science facts. I love to chat and will answer your questions on a range of topics. I am your Personal Genius and guide to a world of wonderment.

- WIFI robot
- True facial expression
- Speech recognition in Cloud platform
- Artificial Intelligent in realtime data retrieval
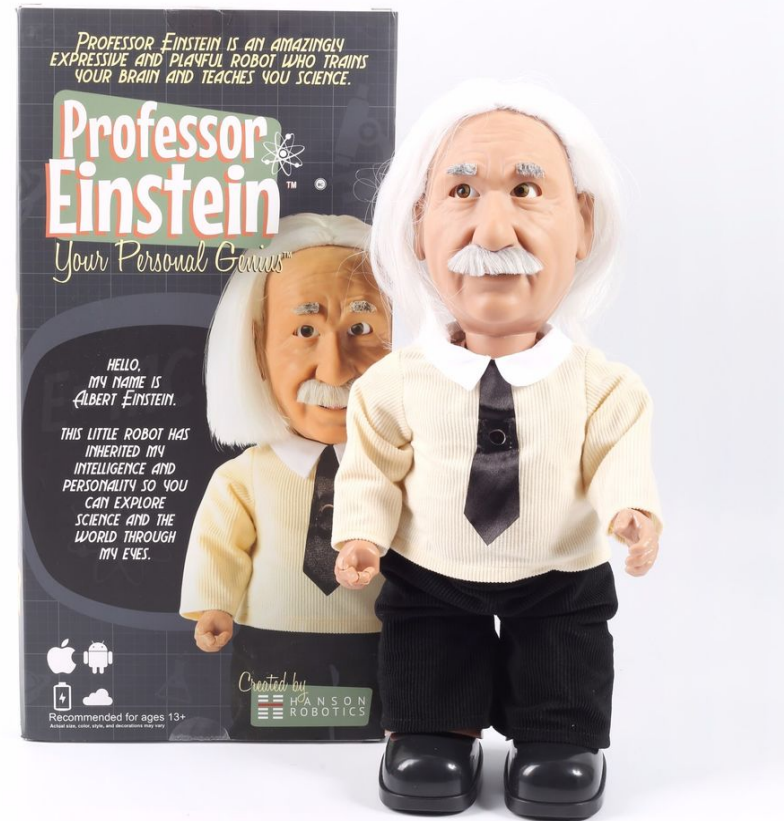
Android system development

LexiBox - Lexibox Game console (Android 4.0 + Bluetooth gamepad control)

An Android TV game console for 3-8year olds.

The LexiBox® offers educational game content and a universe that is specially designed for young users by our educational teams.

Numbers, letters, time and the seasons… Several activities that favour early chldhood development while having fun!

All the 3D games are developed by Unity3D environment.

LexiBox – Android Tablets + smartphone

Android Tablets/smartphone for kids. (Android 4.0 – 6.0)

The devices are equipped with custom Android software which allow parents controlling their children usage over:

- device usage time
- app installation monitoring
- browser usage time
- internet usage time

LexiBox – DJ Connect Turntable

A USB Turntable connects to Android tablet for real-time audio processing.

- Use this turntable to mix music like a pro! Loads of effects to mix like a pro!
- -Connect the turntable interface to your tablet, launch the application, and start making music!
- -Use all the effects, adjust the low and high frequencies, scratch, record your compositions, play them back, or rework them…
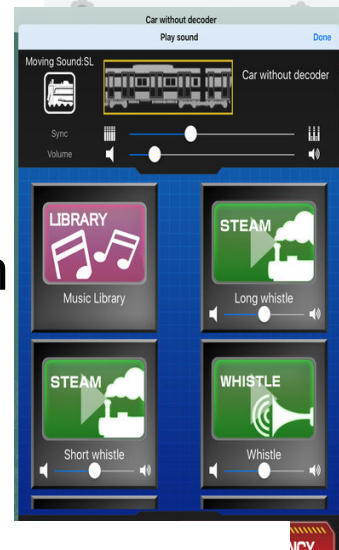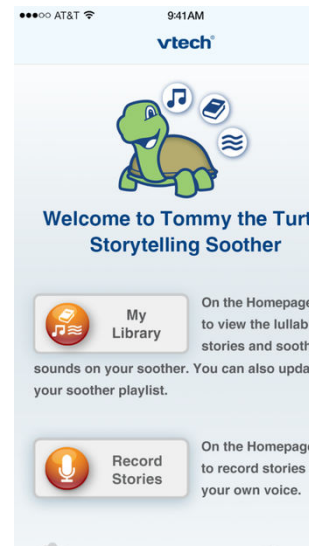
Tablette non incluse / Tablet not included

Software development

IOS / Android App Development

We provide App library or App development service for our customer to integrate their products to the mobile platform.

We have iOS / Android certified programmer for native platform programming using objective-C / JAVA to develop sophistic and platform dependent App. In addition, we also have cross-platform development tool, such as Unity3D / corona SDK to speed up some simple App development.
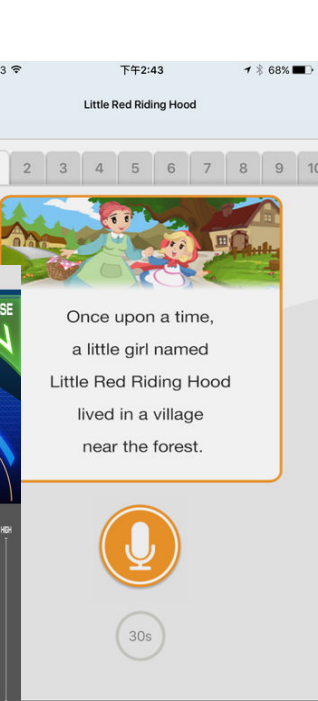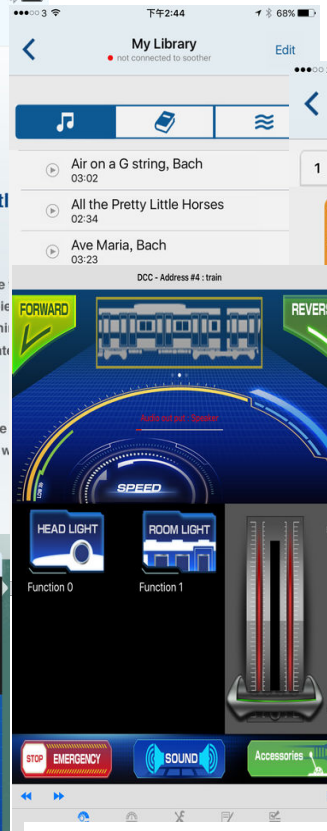
Window / Macs / Linux Software Development

We provide custom library or software development service for our customer to integrate their products to PC environment

We have certified .NET developer for window software development and certified iOS developer for Mac application.

In addition, we also provide Linux programming service (C/C++/python) for customer embedded Linux device.
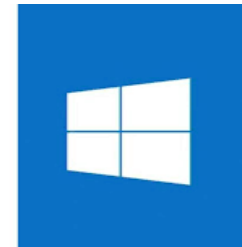
Video Game Accessories

Rock Band

For the past few years, YLIL has taken the challenge of developing the Rock Band Product. Rock Band is featured on the most popular gaming units in the world: XBOX360, Wii and PS3. YLIL took on the huge challenge of developing for all three gaming platforms. YLIL developed wired and wireless products, including: drum, guitar, cymbals and microphone.

In 2007, we started development for Rock Band. Then in 2008, we made Rock Band 2 In 2009, we developed Beatles Rock Band and we are now in development for Rock Band 3

YLIL helped the factory set up all of the testing equipment to ensure a smooth production run. We also helped to minimize the RF interference during the line testing.

For XBOX360, we helped to set up the RTX machine and built up the Base Band tester to perform Microsoft required testing.

For XBOX360, YLIL is the first partner in the world able to successfully interface with RF IC (ADAM – from Infineon) to the XBOX360 game console. ADAM IC is a highly cost effective solution to the old XBOX360 RF chip.
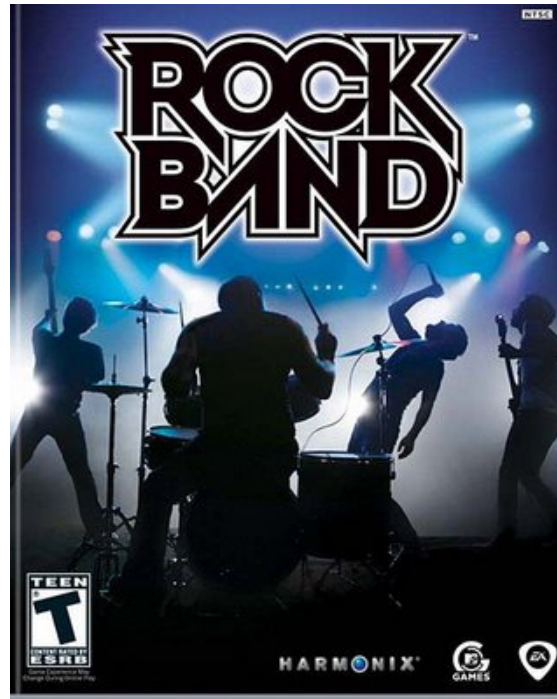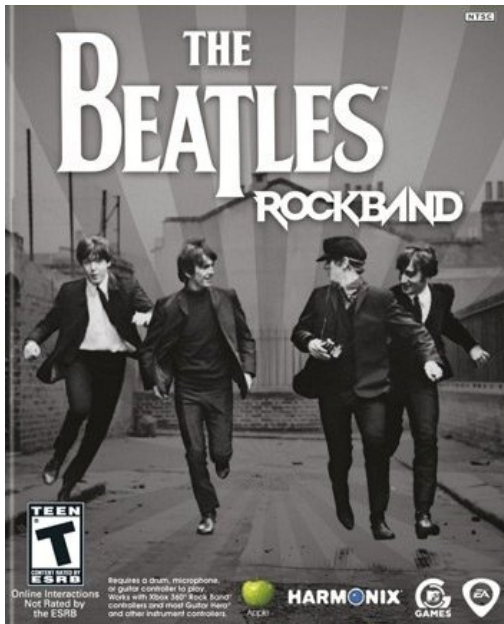

Rock Band 1 Mic, Drum, Guitar

RB1 XBOX360 Wired Guitar

Rock Band 2 Drums and Guitar

Rock Band Cymbal

Product Testing Support Service

## Industrial Test Automation

A computerized test machine to test HARMONIX ROCKBAND2 product on XBOX360 platform

Functions:

• control test instruments and test fixtures to test the 2.4GHz PCBA

• program XID on each fully-tested PCBA

• store all testing data into centralized test server for failure analysis

Technology Highlights:

• GPIB programming for instrument testing

• 2.4GHz high speed crystal clock trim algorithm

• High speed testing routine with test instrument pipelining features

• MYSQL database optimization

• .NET remoting feature.
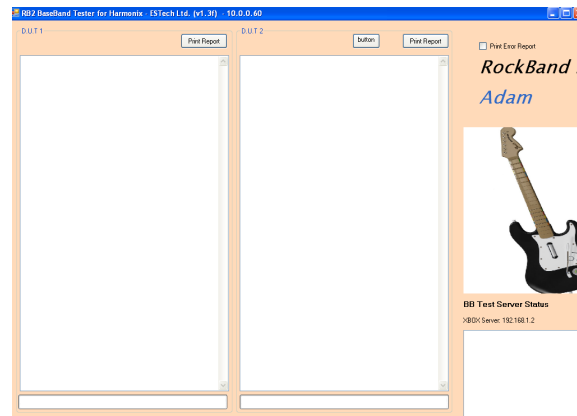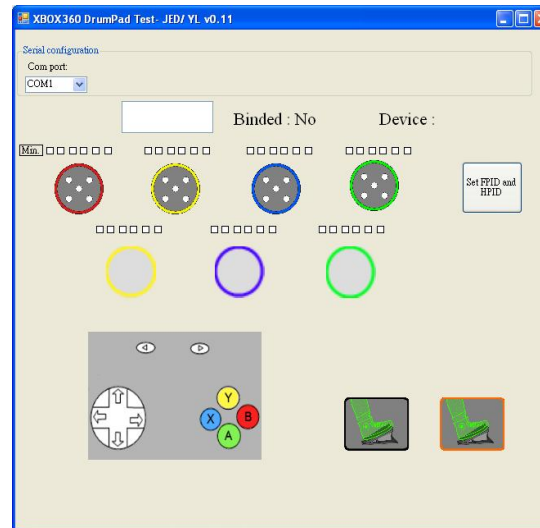
The outstanding achievement and success of Centek is attributed to the high quality of our product and services, our excellent engineering team , and our ability to anticipate market trends effectively and promptly. By staying one step ahead of our competitors, Centek has steadily grown in size and operation through the years. Despite a highly volatile and competitive business environment, we are very proud to have achieved astonishing results proving our company has consistently outperformed our competitors in this industry. We are confident of our prospects and look forward to a long-term commitment with you are our business partners.

THANK YOU