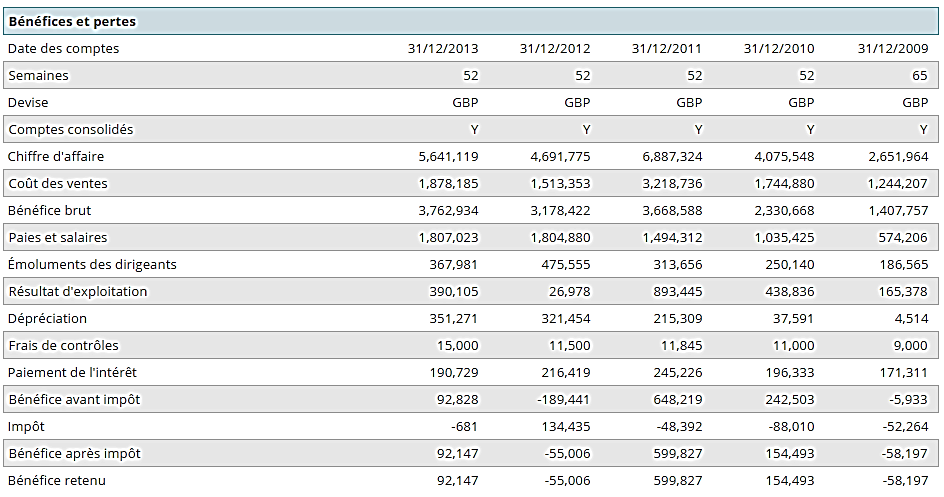
ChargePoint

|  |  |
| --- | --- |
| Question | Indicator |
| How strong is the company | Revenue  Profit  Market share  R&D spending  Patents |
| How do they attract customers | Price  Service  Product (technology, location)  Monopoly |
| Where are they doing business? | Production site  R&D site  Place of customers  Geographic advantage of the place |
| With whom do they do business? | B2C/B2B companies government  Partnership  Private/public charging stations |
| What is their competitive advantage | [conclusion of the part] |

# How strong is the company?

Revenue & Profit

## Market share

ChargePoint is the largest and most open electric vehicle (EV) charging network in the world, with more than 19,000 charging locations and a 70%+ market share. Ranked #1 by leading independent research firm, Navigant Research, ChargePoint makes advanced hardware and best-in-class cloud based software.

## R&D spending

[ChargePoint launched a $100 million lease financing fund](http://www.sacbee.com/2013/10/16/5826066/chargepoint-and-key-equipment.html) with partner Key Equipment Finance that's meant to jump-start the spread of public charging infrastructure.

## Patents

* [System and method for managing electric vehicles](http://patents.justia.com/patent/8935112) (**Patent number:**8935112)
* [Detecting and responding to unexpected electric vehicle charging disconnections](http://patents.justia.com/patent/8680813) **(Patent number:**8680813)
* [Street light mounted network-controlled charge transfer device for electric vehicles](http://patents.justia.com/patent/8866436) **(Patent number:**8866436)
* [Electrical circuit sharing for electric vehicle charging stations](http://patents.justia.com/patent/8502500) **(Patent number:**8502500)
* [Network-controlled charging system for electric vehicles](http://patents.justia.com/patent/8450967) **(Patent number:**8450967)
* [Breakaway mechanism for charging cables of electric vehicle charging stations](http://patents.justia.com/patent/8410369) **(Patent number:**8410369)
* [Self powered electric vehicle charging connector locking system](http://patents.justia.com/patent/8460028) **(Patent number:**8460028)
* [Network-controlled charging system for electric vehicles](http://patents.justia.com/patent/8432131) (P**atent number:**8432131)
* [Authorization in a networked electric vehicle charging system](http://patents.justia.com/patent/8354913) **(Patent number:**8354913)
* [Dual electric vehicle charging station](http://patents.justia.com/patent/D710799) **(Patent number:**D710799)
* [Dual electric vehicle charging station](http://patents.justia.com/patent/D711313) **(Patent number:**D711313)
* [Dual electric vehicle charging station](http://patents.justia.com/patent/D711315) **(Patent number:**D711315)

# How do they attract customers

## Price

ChargePoint CT4000 Charging Station – Level 2 240/208V/J1772 with Provisioning: $3,990.00–$7,210.00

Price per hour deends on the resaler, but most ChargePoint stations are free to use, with the ChargePoint card.

## Services

ChargePoint’s real-time network information (including the availability of charging locations throughout the nation) is available through the **ChargePoint mobile app**, online and via the navigation systems in top-selling EVs including the new BMW i3 and the Nissan LEAF.

All ChargePoint stations are covered by **ChargePoint Assure**, a one year parts and on-site labor warranty. If a charging station fails due to a manufacturing defect, the ChargePoint Support team will visit your site to repair the defect or replace the station.

To ensure stations are installed with the highest quality standards and at the lowest possible cost, ChargePoint has partnered with select national operations & maintenance partners (**O&M partners**).

**ChargePoint Cloud Services** provide the ability to control every aspect of policy, pricing, management, and reporting on a daily basis.

**ChargePoint Station Management** is ChargePoint’s premium Managed Services product where the expert support team manages stations for the customer. The support team will deal with any issues, make any requested policy and pricing changes and provide regular reporting so the customer can measure the impact of the stations on his business.

## Product (technology, location)

* ChargePoint Home
* CT4000 family of charging stations (level 2 – 25 RPH)
* ChargePoint Express 200 ((Fast Charging – 200 RPH)

Why drivers choose ChargePoint?

* **More charging locations** than anyone else: more than 20,000 charging spots and counting.
* **Easy to find** places to charge. With the mobile app and real-time data, it’s easy to find available stations and start charging.

**Simplify**. All car models work on ChargePoint charging stations (CHAdeMO-compatible cars include the Nissan LEAF, Tesla Model S (with adapter) and Kia Soul EV; SAE Combo-compatible cars include the BMW i3, Chevy Spark EV and Volkswagen e-Golf) and, through their ChargePoint account, drivers can keep track of their favorite charging spots and personal data, like how much money they are saving and their shrinking carbon footprint.

* **ChargePoint Home**. It’s the world’s most advanced EV charging station for the home, and it’s also connected with all your public charging.
* With ChargePoint Express locations, DC fast charging on our network, **long road trips** are easy

Every 7 seconds, a driver connects to a ChargePoint station and by initiating over 6.8 million charging sessions, ChargePoint drivers have saved over 6.2 million gallons of gasoline and driven 144 million gas free miles.

# Where are they doing business?

ChargePoint targets companies and individuals to sell its charging stations. Manufacturing and R&D are actually let to “suppliers”.

## Place of customers

## C:\Users\Jacquelin\Desktop\Tsinghua\Spring Semester\GMS\GMS_group5\Case studies\Companies\ChargePoint\Locations.PNG

## C:\Users\Jacquelin\Desktop\Tsinghua\Spring Semester\GMS\GMS_group5\Case studies\Companies\ChargePoint\Locations2.PNG

# With whom do they do business?







**EV:** BMW I, Cadillac, Chevrolet, Fiat, KIA, Mercedes, Nissan, Smart, Volkswagen

**Commercial:** Efacec, Schneider Electric, Fuji Electric, Leviton, Energica

# What is their competitive advantage?

Why businesses choose ChargePoint?

Perhaps the most important reason why businesses choose ChargePoint is because it’s the network drivers prefer. Plus:

* EV charging is good for business. Offering EV charging is a great way to attract and retain shoppers, visitors, tenants, and employees. It can also help you stand out from the competition, meet your sustainability goals and earn incremental revenue.
* Be in control. All ChargePoint’s stations are independently owned. Plus, ChargePoint’s cloudbased solutions give businesses the flexibility to set their own prices, and seamlessly automate payment processing, reporting, and analytics.
* Easy to work with. ChargePoint provides world-class service products and support to keep your stations online, 24/7 driver support, and intelligent energy management to help you keep electricity costs down.
* Flexibility. ChargePoint builds advanced charging stations, and its open network works with charging stations built by any manufacturer.
* ChargePoint puts businesses on the map. When businesses buy ChargePoint stations and become part of our network, they are immediately visible to all our drivers.
* ChargePoint gets the word out. Because we have the largest community of EV drivers, ChargePoint can be an effective way to promote your business and products

In conclusion, ChargePoint is mostly taking advantage of the growing market and the fact that it owns the biggest part of the US market. This fact makes them extremely visible, and leads customer to go to them whenever a charging station is needed.

They try to create products that are very compatible to most of the standards around the word. For example, the leading standards for fast-charging stations are developed by CHAdeMO, a Japanese association of EV-related companies (see CHAdeMO Case Study). Every station in Japan and most of the fast-charging stations around the world are using these standards, and ChargePoint is taking this fact into account, usig CHAdeMO’s standards in the making of its fast-charging stations.

# For Hester

This case study can be used in pages 9-10 of the layout. Or some others. But the images of locations of charging stations in the word are nice, and can be used as in page 9, I think.

Green text

Every 7 seconds, a driver connects to a ChargePoint station and by initiating over 6.8 million charging sessions, ChargePoint drivers have saved over 6.2 million gallons of gasoline and driven 144 million gas free miles.

ChargePoint is mostly taking advantage of the growing market and the fact that it owns the biggest part of the US market. It makes them extremely visible, and leads customer to go to them whenever a charging station is needed (p.7)

Big fat grey text

70%+ market share (p.2)

Ranked #1 by Navigant Research (p.2)

All car models work on ChargePoint charging stations (p.5)

# References:

<http://fr.companycheck.co.uk/company/06712991/CHARGEPOINT-TECHNOLOGY-HOLDINGS-LIMITED/financial-accounts>

<http://patents.justia.com/assignee/chargepoint-inc>

<http://www.chargepoint.com/>

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