

THERE ARE MANY EV CHARGERS ON THE MARKET TODAY

Just like electric vehicles, every charger comes with different features and it's important to weigh the pros and cons of each. Customers participating in the Take Charge AZ pilot program may select between the following:

| | ClipperCreek Model HCS-40R | ChargePoint Model CT4021-GW1 |
|--|---------------------------------------|---|
| Equipment Cost | \$0 | \$8,613 |
| Network Fees | \$0 | \$1,120/year |
| Ability to Restrict Access | Driver must have a key to the charger | Driver must register using the ChargePoint mobile app |
| Ability to Bill Drivers for Energy Usage | x | ✓ |
| Network Capabilities (reservations, waitlists, phone app payments, etc.) | x | ✓ |
| Warranty and Free Maintenance for 5 Years | ✓ | ✓ |

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Additional specifications can be found on the manufacturer's website.
clippercreek.com | chargepoint.com



The ChargePoint™ Network — Open for All

Fact Sheet

ChargePoint operates the most advanced and open electric vehicle (EV) charging network in the world.

We provide everything you need to offer a complete EV charging solution that can manage any Open Charge Point Protocol (OCPP) capable charging station as well as integrate with other electric mobility apps and connected systems.

The ChargePoint Network is open and interoperable both in North America and in Europe.

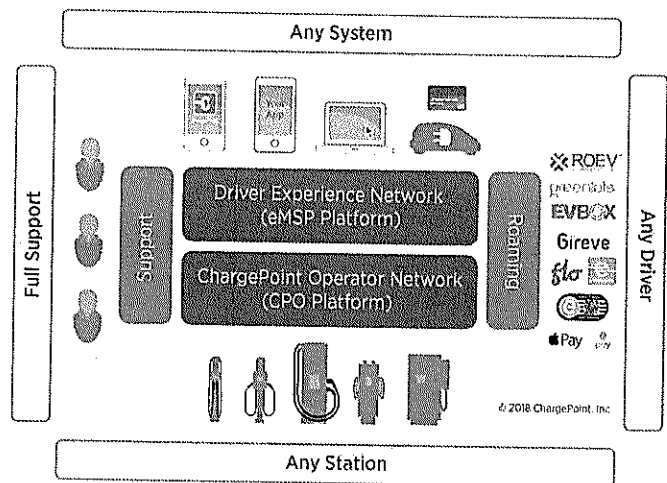
- + ChargePoint is a founding member of ROEV, an organization founded to support interoperability in North America, and work with all of the major clearinghouses in Europe to support roaming.
- + The ChargePoint Network has more than 49,000 AC and DC charging spots, including stations from 12 different manufacturers. Through the OCPP OnRamp program, any OCPP-capable station will work on the ChargePoint Network.

1. Connect

Certify any OCPP-capable hardware on the ChargePoint Network

- + Using OCPP v1.6 + extensions
- + Planned support for v2.0 and subsequent versions as they are released.
- + ChargePoint is capable of using a simple, standard process to certify and onboard third-party charging stations using OCPP, including DBT, ABB, Efaced, Delta, Mennekes, Innogy, Schneider, Keba and Circontrol.

Example: You have ABB DC Fast Charging Stations and Mennekes AC stations that you currently manage with 2 different back ends. Our OCPP OnRamp program will make both types of stations available on a single platform for easy management, ensuring you have no stranded assets.



2. Configure

Manage all charging stations through one central platform

- + Support all the standard functionality within the OCPP v1.6 protocol specification, including:



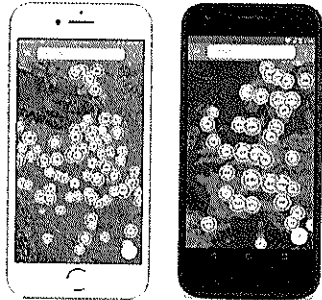
- + Support advanced features through extensions to the OCPP protocol, including offline reliability, advanced Power Management, Waitlist, etc.
- + ChargePoint, with its hardware and network, comply with funding guidelines asking for interoperability in Europe. (e.g. Ladesaeulenverordnung in Germany)
- + ChargePoint takes data protection and security of data very seriously. Data protection is ensured through use of encryption and anonymization of personal data.

Example: You want to charge drivers a different fee for parking at your stations when they are fully charged than while they are charging to increase utilization. You also want to set the same pricing policy across all your stations. The ChargePoint Operator Network enables you to not only set a pricing policy like this, but also track how fees affect your charging station utilization over time so you can adjust accordingly and make the most of your investment.

3. Charge

Give drivers the best EV charging experience available

- + **Information:** The free ChargePoint app provides comprehensive station information & access to start sessions on any station connected to the ChargePoint Network.



- + **Integration:** Integrations with other systems — APIs allow flexible integration with other systems including apps, in-dash infotainment and fleet management systems.
- + **Support:** 24/7 driver support, 95% customer satisfaction and 98% uptime guarantees to give drivers the best charging experience available.

Example: You already have an app and want to integrate e-mobility services into it. Through the Driver Experience Network (the ChargePoint eMSP offering), you can bring the full ChargePoint driver experience, including advanced functionality and access to our best-in-class customer support team, into your app. This will improve your drivers' experience with enhanced functionality while keeping your brand front and center.

4. Roam

ChargePoint works with all the roaming protocols to ensure open access to EV charging.

- + Roaming agreements with other charge point operators (CPOs) give EV drivers access to thousands of stations worldwide.

- + Roaming agreements with e-mobility Service Providers (eMSPs) allow other drivers on various networks to access stations on the ChargePoint Network, increasing utilization.

12 Key Features of ChargePoint Network

1. **OCPP Capable:** Native support for OCPP in ChargePoint stations and an easy process to integrate other stations to the ChargePoint Network using OCPP.
2. **EMP & CPO Roaming:** Seamless communication between the driver, station and clearinghouse.
3. **Station Locations & Availability:** Complete visibility of stations and their availability make it easy for drivers to find a compatible charger.
4. **Access Control:** Manage and control access to charging stations based on well-defined policies. Enhance the value for the station owner with the right level of control.
5. **Flexible Pricing:** Provide the station owner with pricing controls that are in line with station usage. Provide flexibility to update pricing as usage changes.
6. **Authorization, Authentication & Accounting:** Ensure safe and secure payment for charging. Security measures include the pseudonymization and encryption of personal data and other capable security measures that ensure the ongoing confidentiality, integrity, availability and resilience of the network.
7. **Power Management:** Ensure that charging stations never draw more power than the site can provide.
8. **Driver Notifications:** Notify EV drivers about station availability, state of charge and other key messages to enhance your relationship with drivers.
9. **Queueing (Waitlist):** Increase utilization of stations and charge more vehicles by enabling drivers to get in a virtual queue for stations.
10. **Fleet Services:** Integrate with fleet systems (fleet management, route monitoring, etc) to provide critical data and insights.
11. **Station Support:** ChargePoint responds quickly and effectively to any situation that occurs at a station.
12. **Scalability:** Support the growth of stations worldwide. Provide consistent, high-quality functionality without any delays.



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