

GET

# MORE VALUE

## FROM YOUR NIDEC EV CHARGING INFRASTRUCTURE



You've chosen to power your EV fleet or equip your public charging stations with reliable, ultra-fast EV charging infrastructure from Nidec.

Now, optimize that investment with the Nidec By Your Side (BYS) software platform. This dynamic, data-driven software makes it possible to monitor and maintain your Nidec EV infrastructure's operation remotely. By making it easy to track energy usage, detect and resolve operational issues, set and update charging rates – and more, BYS will help you maximize charging station uptime, increase driver satisfaction and improve overall performance.

### WITH NIDEC BYS, ENSURING AVAILABILITY HAS NEVER BEEN EASIER

Integrating BYS into your EV charging infrastructure is like having your own personal Nidec service technician at your disposal, ready to support:



#### COMMISSIONING

BYS makes it possible to commission new EV charging equipment remotely, eliminating the time and expense of bringing skilled commissioning professionals to the installation site.



#### REPORTING

A BYS dashboard displays dynamic data on everything from uptime to energy use on individual EV chargers, select groups and entire charging systems. Standard reporting is available and individual reporting can be created to accommodate customer needs. Operators can use this data to document performance and support decision-making.



#### SYSTEM MONITORING

By monitoring your EV infrastructure in real time, BYS can alert you and/or Nidec when operating conditions trigger unexpected trends or exceed thresholds. System analytics make it possible to track performance over time.



#### REMOTE COMMANDS AND MAINTENANCE

BYS installs firmware updates and system enhancements automatically. This includes enhanced features and resetting individual components.



#### TROUBLESHOOTING & FAULT DIAGNOSIS

Originally designed to support remote assistance and diagnostics, BYS can help identify root causes of problems and prescribe maintenance and repair solutions.



#### SETUP & CONFIGURATION

Enabling in-unit power allocations, load-sharing and other features through setup and configuration can be performed remotely through BYS, with decision-making coordinated between you and your Nidec support professional.



#### PRICE-SETTING

BYS enables charge point operators to set and update customer pricing for retail charging stations. Fleet operators can use cost information for accounting purposes or to compare EV costs with gasoline-powered alternatives.

#### YOUR CONTROL ROOM OR OURS

Nidec lets you choose whether you wish to monitor and control the operation of your charging infrastructure from your own command center or have Nidec manage it on your behalf.

If you wish to self-administer BYS, Nidec will deliver your operating data to you either through the BYS interface or directly to you and your maintenance platform through our API. BYS provides a robust level of detail, but a lower level of detail is available through OCPP. If you prefer to focus on other priorities, Nidec can use BYS to monitor your EV infrastructure from our command center. You choose the level and type of service you prefer, from simple monitoring and data-tracking to a complete package of diagnostics and onsite service and support.

BYS access can be purchased on a subscription basis. It is also included at no additional charge to station operators with Plus and Premium subscriptions to Nidec's Expanded Support & Maintenance Services plans.

#### WHAT IT MEANS TO HAVE NIDEC BYS

Nidec is a global leader in power management. Our understanding of the EV charging sector is built on decades of experience in renewable energy, Battery Energy Storage Systems (BESS) and electrical grid management. With Nidec By Your Side, you get a partner who will put that expertise to work for you.