

# **brickyard**<sup>®</sup>

**Complete control in a single click**



# Brickyard

Brickyard offers complete control in a single click by bringing all the (back office) applications of your mobility solutions under one roof. By combining data you get an even better insight into the mobility in your city. The Brickyard platform is also open for third-party applications.

## Mobility management

Based on the supplied user credentials and pre-appointed roles and rights Brickyard determines which applications the user sees in his overview.



Brickyard is a modular system, which can be purchased separately or as a whole. Choose the parking, enforcement and / or mobility solution you need, and Brickyard provides maximum freedom and flexibility.



Select an application to manage generated tickets and notifications. The associated information sources appear as a top menu bar. This way, you can quickly and efficiently switch between the different Brickyard modules.



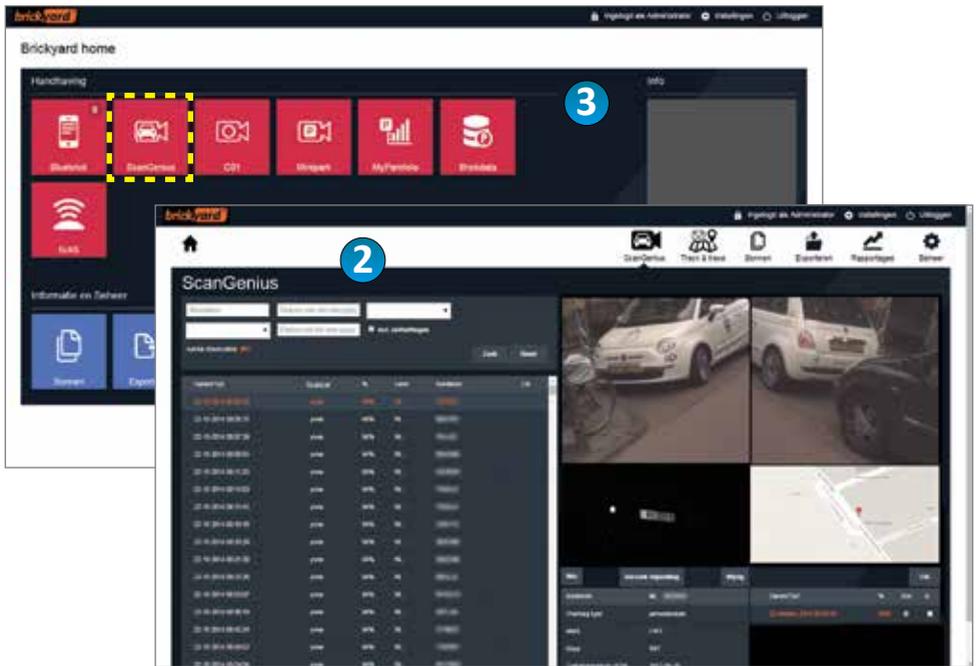
## Bluebrick enforcement app

The Bluebrick enforcement app offers your enforcement agents a quick and easy solution for all their on street enforcement tasks. Use Bluebrick on special ruggedized devices or on conventional consumer electronics, based on modern operating systems iOS, Android and Windows Mobile. In Brickyard you can manage the Bluebrick users and the tickets the enforcement agents generate.



# ScanGenius scan car

The ScanGenius is an innovative modular “rooftop” system. It offers a complete scanning solution which consists of ANPR cameras (1) and a central processing system (2) with links to a Parking Rights Database (3) and other sources. The scan car can easily and quickly determine if parked cars have paid their parking fee or whether they have a parking permit for the regulated area.



# ANPR access control

Closing an area with a movable obstacle is damage prone and therefore expensive to maintain. Closing with a traffic sign “No entry for vehicular traffic” requires labor-intensive enforcement. The ANPR access control system is the perfect, cost-effective and secure solution for closing pedestrian zones, cut-through traffic, bus lanes, etc.

The software interface consists of several key components:

- Dashboard:** A central hub with icons for 'Statistik', 'Ereignisse', 'C01' (highlighted), 'Überblick', 'MyProfile', and 'Einstellungen'.
- Map View:** An aerial satellite view of a residential area with a yellow dashed box indicating a monitored zone.
- Observations Table:** A table listing detected vehicles with columns for 'Beobachtet am', 'Kategorie', 'Weg', 'Richtung', and 'Anzahl'.

Beobachtet am	Kategorie	Weg	Richtung	Anzahl
20.01.2021 10:00:00	Auto	21	rechts	1
20.01.2021 10:00:05	Auto	21	rechts	1
20.01.2021 10:00:10	Auto	21	rechts	1
20.01.2021 10:00:15	Auto	21	rechts	1
20.01.2021 10:00:20	Auto	21	rechts	1
20.01.2021 10:00:25	Auto	21	rechts	1
20.01.2021 10:00:30	Auto	21	rechts	1
20.01.2021 10:00:35	Auto	21	rechts	1
20.01.2021 10:00:40	Auto	21	rechts	1
20.01.2021 10:00:45	Auto	21	rechts	1
20.01.2021 10:00:50	Auto	21	rechts	1
20.01.2021 10:00:55	Auto	21	rechts	1
20.01.2021 10:01:00	Auto	21	rechts	1
20.01.2021 10:01:05	Auto	21	rechts	1
20.01.2021 10:01:10	Auto	21	rechts	1
20.01.2021 10:01:15	Auto	21	rechts	1
20.01.2021 10:01:20	Auto	21	rechts	1
20.01.2021 10:01:25	Auto	21	rechts	1
20.01.2021 10:01:30	Auto	21	rechts	1
20.01.2021 10:01:35	Auto	21	rechts	1
20.01.2021 10:01:40	Auto	21	rechts	1
20.01.2021 10:01:45	Auto	21	rechts	1
20.01.2021 10:01:50	Auto	21	rechts	1
20.01.2021 10:01:55	Auto	21	rechts	1
20.01.2021 10:02:00	Auto	21	rechts	1
- Camera Feeds:** A grid of live video feeds from various cameras, showing vehicles and street scenes.





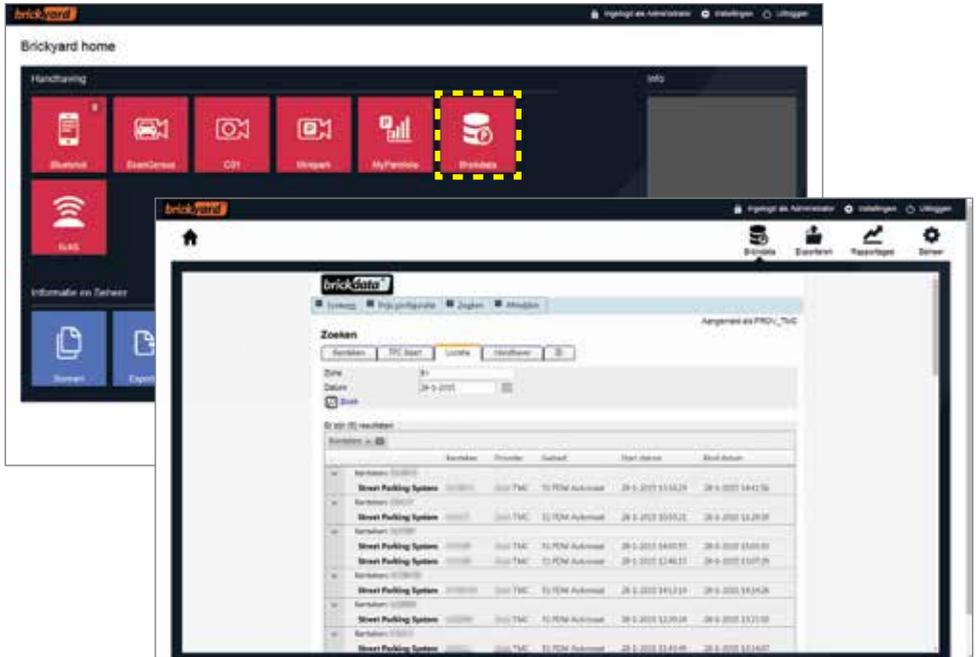
## On street parking

The information from the TMC parking meters is available in the myParkfolio back office. This reporting environment is integrated as a Brickyard module. By integrating this back office, the data becomes accessible for the Brickyard system, making it possible to be used in Brickdata and the Brickyard reporting module.



# Brickdata

Manage your own Parking Rights Database (PRDB) with Brickyard. Brickdata offers your enforcement agents on street real-time and adequate parking information. Brickdata provides the links between the central PRDB (license plate parking on your parking meters) and external PRDB's like mobile phone parking providers.



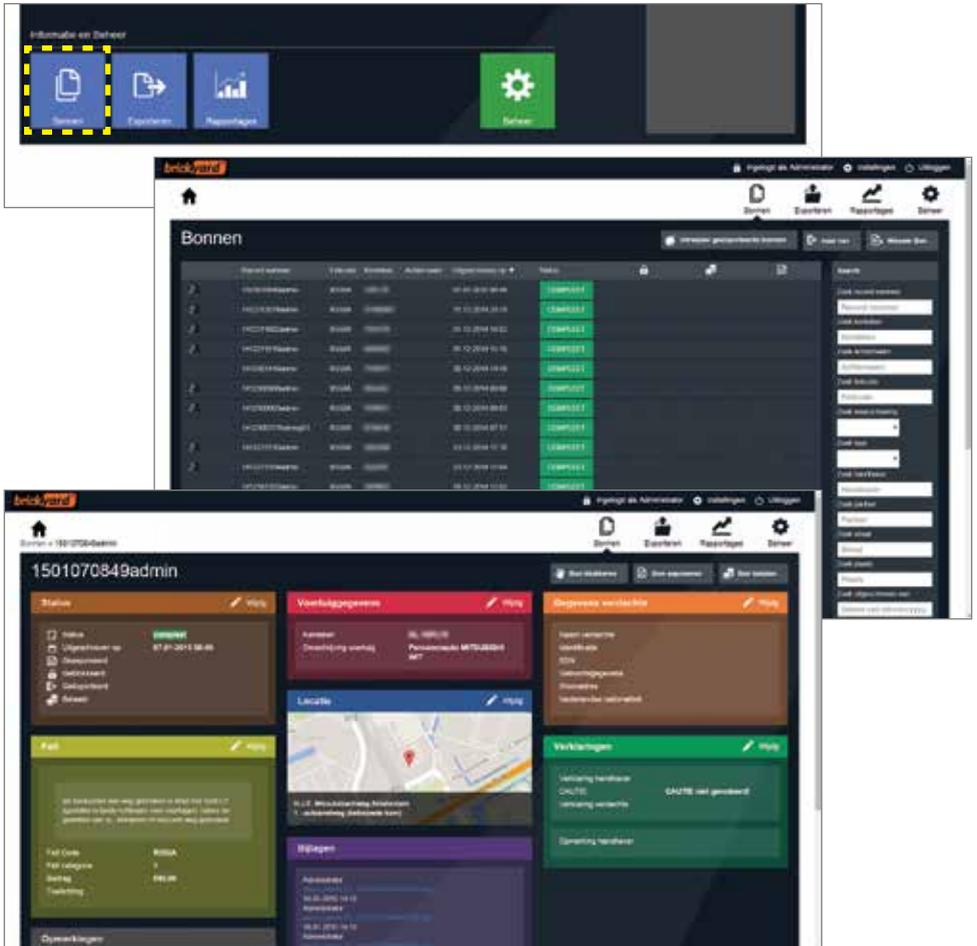
## IVAS smart sensors

The wireless sensors of the IVAS smart sensor system offer real-time occupancy information of on street and off street parking bays. The information is available in Brickyard, and also for enforcement agents on the street. For example when someone parked too long in a short time parking zone, this so-called “overstay” is send directly to the enforcement agent nearby.



# Ticket overview

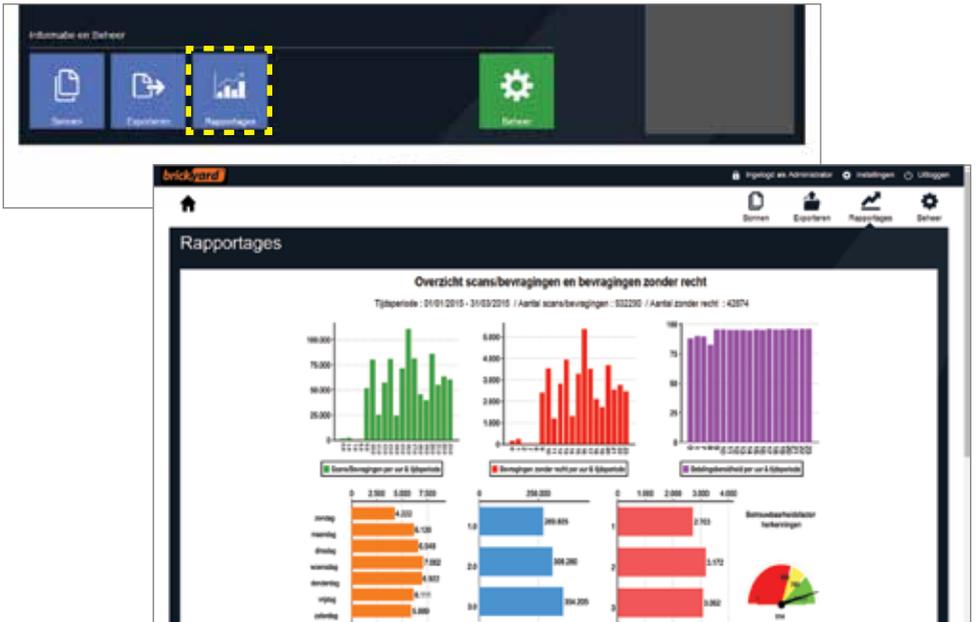
All the tickets generated by the various systems within Brickyard are displayed in the central ticket overview. The tickets can, if required, be modified or enriched with extra information, before being exported to a ticket processing organization. Brickyard also offers a complete archive of the processed tickets.





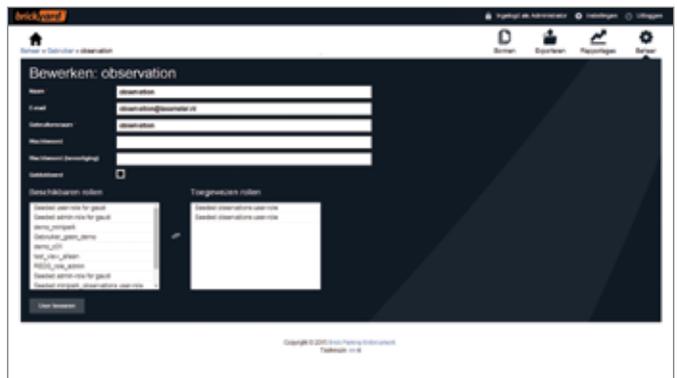
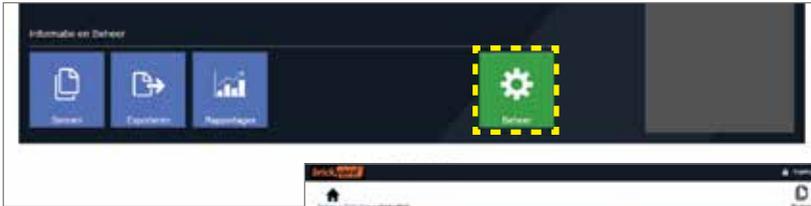
# Reports

The Brickyard reporting tool is setup by TMC according to the customers demands. After set up, users can generate the reports themselves, any time they want. The reporting tool is available for all the data within Brickyard, therefore almost any conceivable combination using the available data can be used to generate a report. Brickyard reports offer almost unlimited possibilities for information-based enforcement or management.



# Administration - Users

Brickyard provides a comprehensive management environment with a flexible “roles and rights” structure. The roles and rights can be set per application, per user, per area, per ANPR camera, etc. The administration environment provides access to other settings, such as exemptions and permits modules.





## Administration - Permits

Brickyard can also be connected to an external permit system. The permits created and managed in this system can be used by Brickyard for instance as an ANPR access control exemption, or with Brickdata as a parking permit. Depending on the connected system end-users can manage their permits using their own computer.





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