




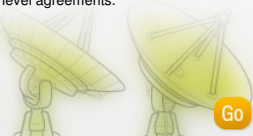


AggreGate Platform

Intelligent device management for your industry. Vendor-agnostic remote configuration, control, and monitoring of hardware assets.

[Learn more](#)

Tibbo AggreGate is a **multi-industry device management platform** that employs modern M2M technologies to control, configure and monitor different electronic devices. It also helps you to aggregate device data into a common database, where you can "slice and dice" it according to your needs, as well as let other enterprise applications transparently access it.



<h3>SCADA/HMI</h3> <p>Facilitate industrial and building automation, process control and telemetry, all with the power of custom purpose-built HMIs.</p>  <p>Go</p>	<h3>TIME AND ATTENDANCE</h3> <p>Manage a network of time recorders and produce time and attendance reports for payroll systems.</p>  <p>Go</p>	<h3>NETWORK MANAGEMENT</h3> <p>Monitor and configure servers, routers, workstations, applications and services. Complete SNMP support, rich reports and robust role-based security.</p>  <p>Go</p>
<h3>REMOTE MONITORING</h3> <p>Provide centralized monitoring and telemetry services for custom machinery. Reduce downtime and number of field visits, meet service level agreements.</p>  <p>Go</p>	<h3>ACCESS CONTROL</h3> <p>Control physical access within an office building or a campus; cardholder hierarchy, anti-passback, guard tours, area presence control and more.</p>  <p>Go</p>	<h3>BUILDING AUTOMATION</h3> <p>Smart building control center. Reduce HVAC and other energy costs, control lighting, electric window shades and heating facilities.</p>  <p>Go</p>

AggreGate Device Management Platform

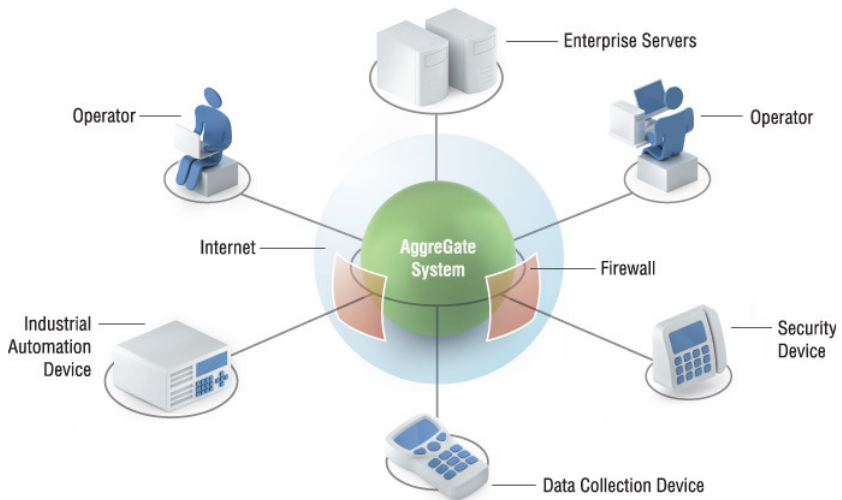
AggreGate [saves costs](#) and simplifies setup when trying to create a large network of devices and computers which are spread over a local network or the Internet. It introduces [new concepts](#) in M2M (Machine-2-Machine) technology. AggreGate provides a rich set of [features](#) for managing/monitoring device networks, [processing](#) data, and [integration](#) with other enterprise systems using open-source APIs. The core components are Java-based and may be deployed on most present-day hardware and operating systems.

Vertical Market Solutions

AggreGate helps many different industries and companies to benefit from direct management of large legacy device networks or connecting them to the enterprise systems. Solutions based on AggreGate platform include:

- [Network Monitoring and Management](#)
- [SCADA/HMI and Process Automation](#)
- [Access Control](#)
- [Time and Attendance](#)
- [Building Automation](#)
- [Remote Monitoring](#)
- [Fleet Management](#)
- [Vending Machines and Self-Service Kiosks](#)
- [Sensor Networks](#)
- [Automatic Meter Reading](#)
- [People/Vehicle Counting](#)
- [Event Management and Data Logging](#)
- [Digital Signage](#)
- [GSM/CDMA Mobile Device Management](#)
- [Home Automation](#)
- And [more](#)

AggreGate Platform is widely used for building custom solutions for many industries including Manufacturing, Transportation and Logistics, Oil and Gas, Utilities and Energy, Information Technology, Telecommunications, Semiconductor, Medical, Life Sciences, Laboratory Equipment, Retail, and Homeland Security.



AggreGating Your Devices

Connecting your devices to the system is easy and cost-effective. Any existing device may work with AggreGate regardless of its communication protocol even if it's not network-enabled. You can bridge your existing devices into the system using a [programmable controller](#) (such as Tibbo's [DS1000 BASIC-programmable Industrial Controller](#) or [EM1202 Embedded Module](#)), by implementing AggreGate [communication protocol](#) in your own device, or by protocol conversion via software [device drivers](#). For new designs, the programmable controller can be built directly into the product.

Devices that use standard automation, control and monitoring protocols (such as **OPC**, **Modbus**, **BACNet**, **SNMP** etc.) are supported directly, no software/hardware protocol conversion is required. See [connectivity](#) section for more information.