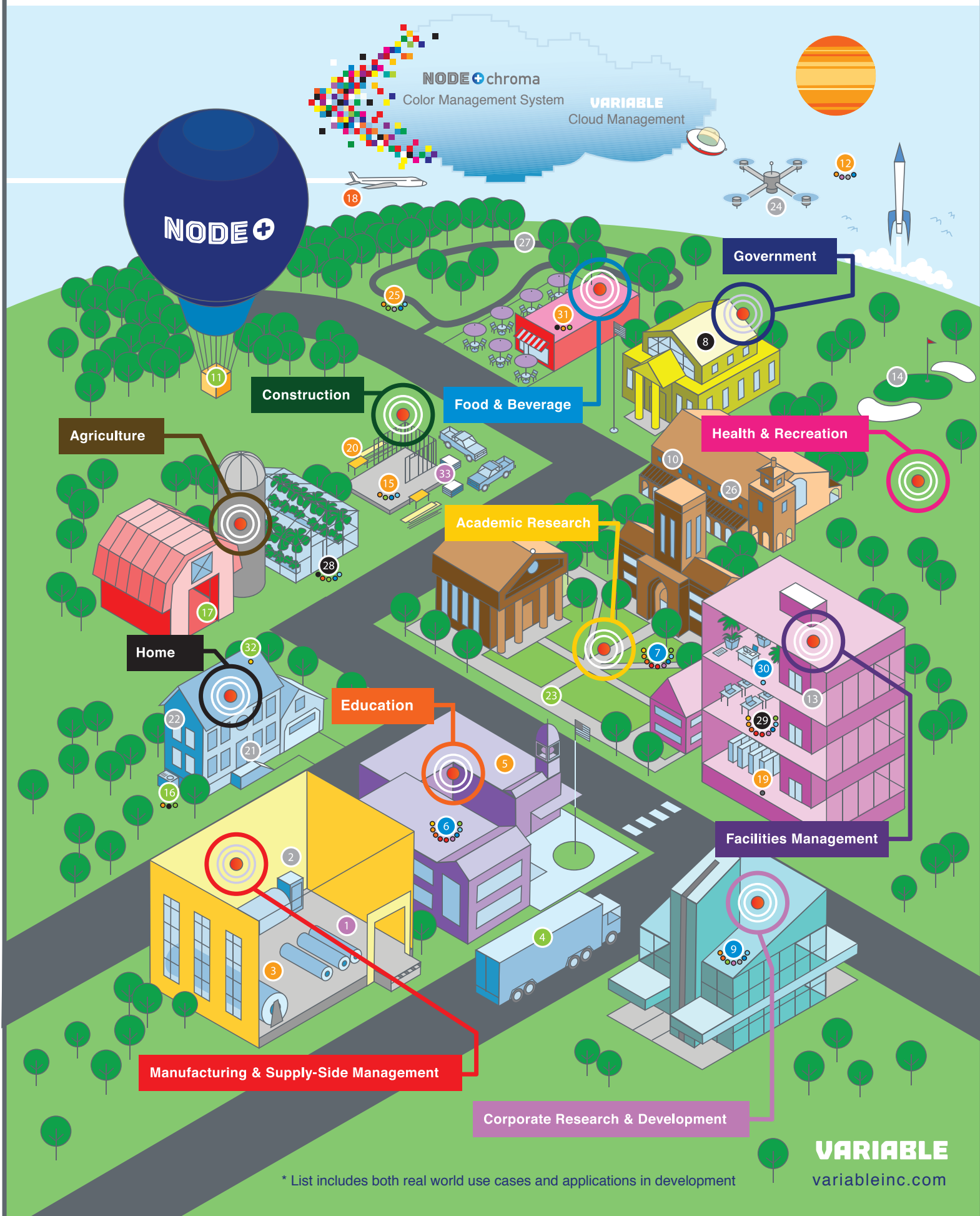


# The Internet of **NODE+** Things\*



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## Manufacturing & Supply-Side Management

- 1** *Digital Color Referencing*
  - Color management referencing for quality control
- 2** *3-Axis Motion Detection*
  - Preventative maintenance applications for rotational equipment
- 3** *Infrared Temperature Readings*
  - Vibration analysis monitoring
- 4** *Ambient Light Sensor / Room Temperature / Humidity Sensor*
  - Environmental monitoring for cargo in transit

## Education

- 5** *Infrared Temperature Readings*
  - Preschool teachers checking forehead temperatures
- 6** *Classroom Instruction (general)*
  - Science and engineering classroom instruction
- 29** *App Development for all Modules*
  - Public & private sponsored Hackathons

## Facilities Management

- 19** *Infrared Temperature Readings / Room Temperature / Humidity Sensor*
  - Server temperature & humidity monitoring for preventative maintenance
- 13** *3-Axis Motion Detection*
  - Elevator speed tracking & compliance data storage
- 30** *Air & Gas Monitoring*
  - Monitoring correlation between CO<sub>2</sub> and employee productivity

## Home

- 21** *3-Axis Motion Detection*
  - IFTTT Doorbell when someone knocks
- 22** *3-Axis Motion Detection*
  - Sleep Research with accelerometer
- 32** *Ambient Light Sensor*
  - Morse Code light reader game

## Agriculture

- 17** *Room Temperature / Humidity Sensor*
  - Incubator and silo environmental monitoring
- 28** *Inventory & barcode tracking / Point of Sale / Temperature Probe Readings / Ambient Light Sensor / Room Temperature / Humidity Sensor / Air & Gas Monitoring / Scientific Research (general)*
  - CO<sub>2</sub> and humidity monitoring for greenhouses

## Corporate Research & Development

- 9** *Scientific Research (general)*
  - Product development & information technology systems
  - Public sector research & development for safety inspections

## Academic Research

- 7** *Scientific Research (general)*
  - STEM-based mobile data-logging for grant-funded research

## Health & Recreation

- 10** *3-Axis Motion Detection*
  - Real-time Kettlebell competition training feedback
- 14** *3-Axis Motion Detection*
  - Real-time golf putting coaching
- 26** *3-Axis Motion Detection / Scientific Research (general)*
  - Core strength monitoring & balance board integration
- 27** *3-Axis Motion Detection / Scientific Research (general)*
  - Pedometer / steps tracking
- 11** *Barometric Pressure Reader*
  - Altitude measurement and vertical airspeed
- 12** *Education & Entertainment (general)*
  - Sci-Fi Fantasy sensor readings for Sci-Fi fans
- 24** *3-Axis Motion Detection / Scientific Research (general)*
  - R/C Drone gyroscope stabilization
- 23** *Ambient Light Sensor*
  - Portable light meter for photography mobile apps
- 25** *Room Temperature / Humidity Sensor / 3-Axis Motion Detection Air & Gas Monitoring / Scientific Research (general)*
  - GPS-enabled walking stick for the blind

## Government

- 9** *Inventory & barcode tracking / Point of Sale*
  - Scanning library books and inventory auditing
- 15** *Scientific Research (general)*
  - Public sector research & development for safety inspections
- 8** *Infrared Temperature Readings / Ambient Light Sensor / Room Temperature / Humidity Sensor / Air & Gas Monitoring*
  - Automatic data-recording for property inspections

## Construction

- 16** *Inventory & barcode tracking / Point of Sale / Infrared Temperature Readings / Humidity Sensor*
  - HVAC repair applications
- 20** *3-Axis Motion Detection*
  - Leveler
- 33** *Digital Color Referencing*
  - Reference paint colors correctly

## Food & Beverage

- 18** *Temperature Probe Readings / Infrared Temperature Readings*
  - Food safety compliance for catering companies
- 31** *Inventory & barcode tracking / Point of Sale / Infrared Temperature Readings / Humidity Sensor*
  - Temperature checking before serving coffee

\* List includes both real world use cases and applications in development

### COLOR CODE (MODULE)

- |                     |               |                            |
|---------------------|---------------|----------------------------|
| ● NODE+barcode      | ● NODE+clima  | ● NODE+luma                |
| ● NODE+thermapro    | ● NODE+chroma | ● NODE+oxa                 |
| ● NODE+thermocouple | ● NODE+motion | ● NODE+oxa CO <sub>2</sub> |