

MAKE THE GRADE

WITH INDUSTRIAL-GRADE COMMUNICATIONS SOLUTIONS FROM SENA

Bluetooth- and mesh-enabled headsets and communications solutions that offer ease of use, safe hands-free communications, reliability, and efficiency for a host of industrial and outdoor worksite environments

No matter what the work environment is, organizations are turning to Sena Technologies, Inc. to address their peer-to-peer and team communications in manufacturing, construction, outdoor maintenance and more. Sena's solutions are comfortable, easy to deploy and use, and offer secure connections, safer operation, better collaboration, and greater efficiency, regardless of the noise levels or general operation of the workplace or worksite.



LET SENA HELP YOUR WORKFORCE WORK SAFER AND SMARTER

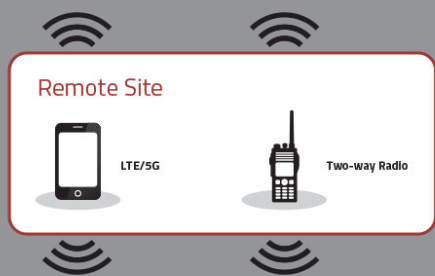
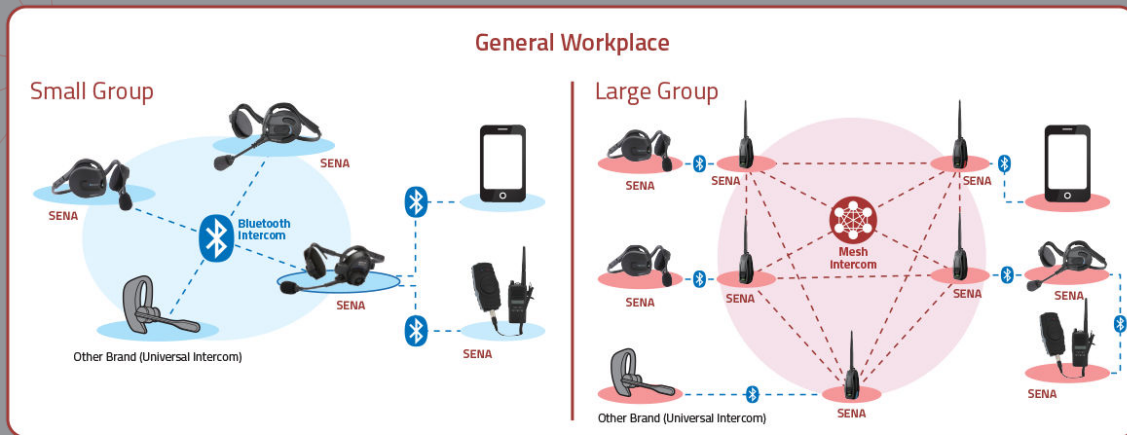
Communications in today's industrial work settings or outdoor worksites have always been hampered by noise levels, distance between workers and limitations of traditional communications technology. But, now there is something even more important — safety. Two-way radios and walkie talkie communication devices are limited in today's dynamic workplace where teams need to collaborate closely and operate efficiently in a hands-free and untethered fashion. And, unfortunately, new social distancing guidelines in the workplace are adding even more to the challenge, particularly from a safety standpoint.

Needed today are communications solutions designed for all kinds of work environments whether small or large work groups working in noisy or placid settings. Sena offers the latest communications solutions using Bluetooth intercom technology that offers greater flexibility for small group communications or Mesh networking technology for larger, more distant, demanding work groups.

Easy to implement and easy to use, Sena's industrial solutions can be configured to offer the right solution for the task at hand in any size group or setting while making workers safer.

SMALL OR LARGE, HARSH OR DOCILE WORK ENVIRONMENT – SENA HAS THE RIGHT SOLUTION

Using its Bluetooth Intercom solutions for small group applications and Mesh Intercom solutions for large groups, Sena can configure a custom solution to meet your needs.



SENA HAS YOU COVERED

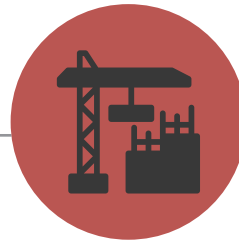
IN GENERAL WORKPLACES,
OR MORE DEMANDING
WORKSITE OPERATIONS

Regardless of the communications needs of different work environments whether less-demanding general industrial settings or noisy, more rugged and demanding outdoor worksites, Sena can configure industrial communications solutions for most any setting and use.



General Workplace

Whether small or large groups, Sena designs solutions for workplace environments where noise, harsh environmental conditions and worker distancing is not a significant factor.



Noisy Workplace

Extraneous noise in the workplace can hamper communications, lower the performance of workers, and put their hearing at risk. Sena solutions address the most demanding environments.

Regardless of the size of work groups or the environment, Sena offers advanced solutions designed exclusively for use in these types of settings.

SENA'S INDUSTRIAL PRODUCT LINE

Sena's industrial product lines are designed to support small group communications with Bluetooth intercom technology or larger groups deploying Mesh intercom technology. And, with Sena's Bluetooth-to-Mesh adapters, non-Mesh, Bluetooth headsets can become part of a worksite Mesh network without having to retrofit your inventory of communications headsets.

Bluetooth Intercom for small group communications

Headset Type



Expand Boom



SPH10

Ear Muff Type



Tufftalk



Tufftalk Lite

Bluetooth-Radio Adapter



SR10

Mesh Intercom for large group communications

Ear Muff Type



Tufftalk M

Mesh Intercom Adapter for headphones or earphones



MeshPort
Blue



MeshPort
Red



MeshPort
Black

A FULL SUITE OF PRODUCTS OFFERING HIGH PERFORMANCE

Sena's product set offers optimal performance whether for heavy duty usage where safety and noise are a concern or for lightweight applications where worker flexibility is important.

Product Comparison

**Heavy Duty
with hearing protection**

**Lightweight
without hearing protection**

| | | Tufftalk M | Tufftalk | Tufftalk Lite | SPH10 | EXPAND |
|--------------------------------------|----------------------|---------------------|-----------------|---------------|---------------|---------------|
| Communication Method | | Mesh Bluetooth | Bluetooth | Bluetooth | Bluetooth | Bluetooth |
| Max. Number of Intercom Users | Bluetooth | 4 | 4 | 4 | 4 | 4 |
| | Mesh | Virtually limitless | N/A | N/A | N/A | N/A |
| Noise Reduction Rate | Over-the-Head | 26 dB | 24 dB | 21 dB | N/A | N/A |
| | Hard Hat | 24 dB | 22 dB | 20 dB | N/A | N/A |
| Talk Time (Hour) | Bluetooth | 13 | 15 | 13 | 10 | 10 |
| | Mesh | 8 | N/A | N/A | N/A | N/A |
| Intercom Distance (max)* | Bluetooth | 440 yds (400m) | 0.8 mi (1,400m) | 0.5 mi (800m) | 0.6 mi (900m) | 0.6 mi (900m) |
| | Mesh | 0.7 mi (1,100m)* | N/A | N/A | N/A | N/A |

* In open terrain

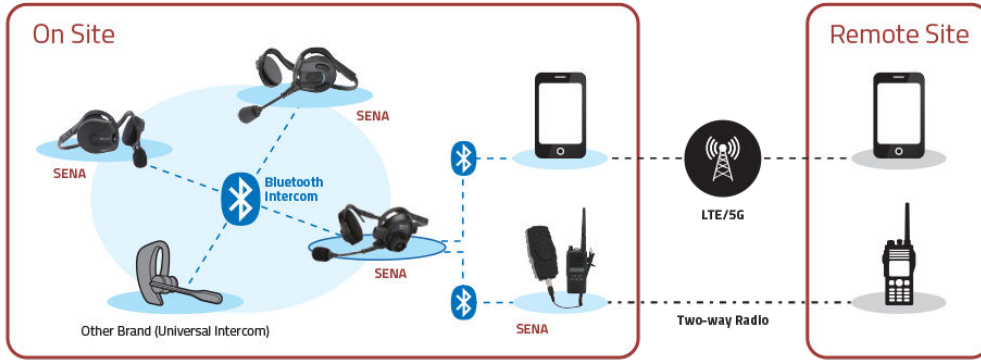
Bluetooth-to-Mesh Intercom Adapters

| | MeshPort Blue | MeshPort Red | MeshPort Black |
|--------------------------------------|-------------------------------|---------------------------------------|-------------------------------|
| Communication Method | Mesh Intercom Bluetooth (HFP) | Mesh Intercom Bluetooth (HFP Gateway) | Mesh Intercom Bluetooth (HFP) |
| Connecting Device | General Bluetooth headset | Mobile phone, Tablet, PC | Sena Bluetooth headset |
| Talk Time (hour) | 13 | 13 | 13 |
| Bluetooth Distance | 11 yds (10m) | 11 yds (10m) | 11 yds (10m) |
| Mesh Intercom Distance (max)* | 0.5 mi (800m) | 0.5 mi (800m) | 0.5 mi (800m) |

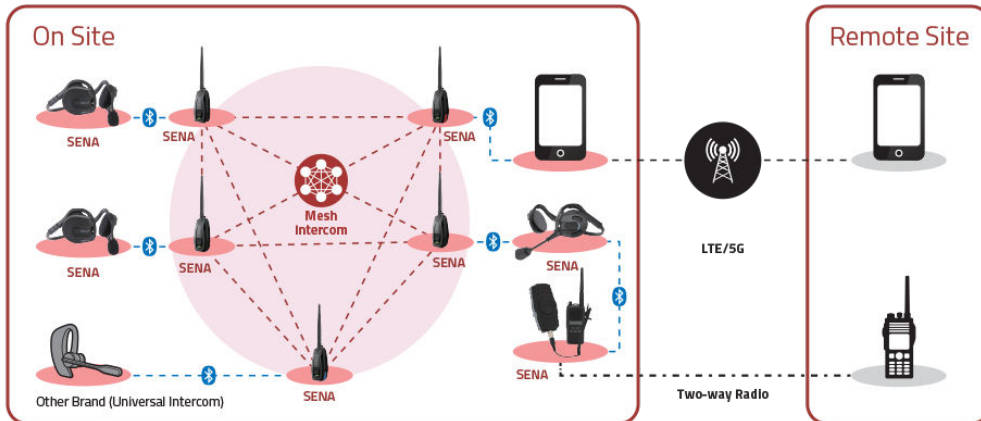
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APPLICATION GUIDE

Small Group in General Workplace



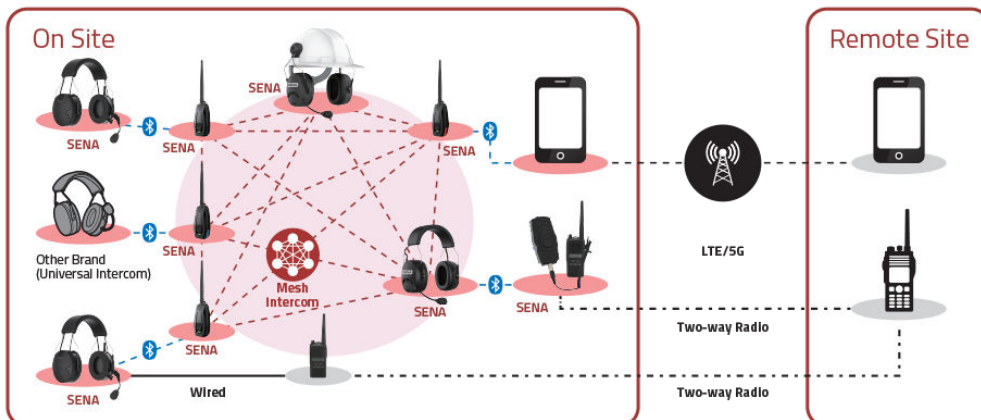
Large Group in General Workplace



Small Group in Noisy Workplace



Large Group in Noisy Workplace



SENA'S SOLUTIONS ARE IDEAL FOR A VARIETY OF INDUSTRIES



Manufacturing

Automotive, food & beverage, medical devices, or pharmaceuticals



Construction

Residential, commercial, infrastructure or materials handling



Outdoor Maintenance

Arborists, commercial landscaping, or aggregates



Distribution & Warehousing

Supply chain, warehouse management, fleet management, retail

SENA SOLUTIONS ADDRESS REAL-WORLD INDUSTRIAL NEEDS

- Leading food manufacturer, **General Mills** uses Sena solutions to keep employees safe during production, to extend training remotely, and for better communications among their security teams at their plants
- **Allan Myers**, Mid-Atlantic construction company, deploys Sena communications technology at construction jobsites where workers can communicate hands-free one-to-one or in teams
- International leader in nuclear energy, **Framatome** outfits its construction and maintenance teams with Sena solutions for better communications when they are working deep inside nuclear reactors

GET TO KNOW HOW SENA CAN HELP YOU

Greater demands are being placed on workplace communications, especially in large facility deployments or at rugged outdoor worksites. Technology will need to play a bigger role to help workforces in these demanding environments perform optimally, efficiently, and as safely as possible.

Let Sena help you make the grade today
with its industrial-grade Bluetooth and
Mesh communications solutions.



Find out more:

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