

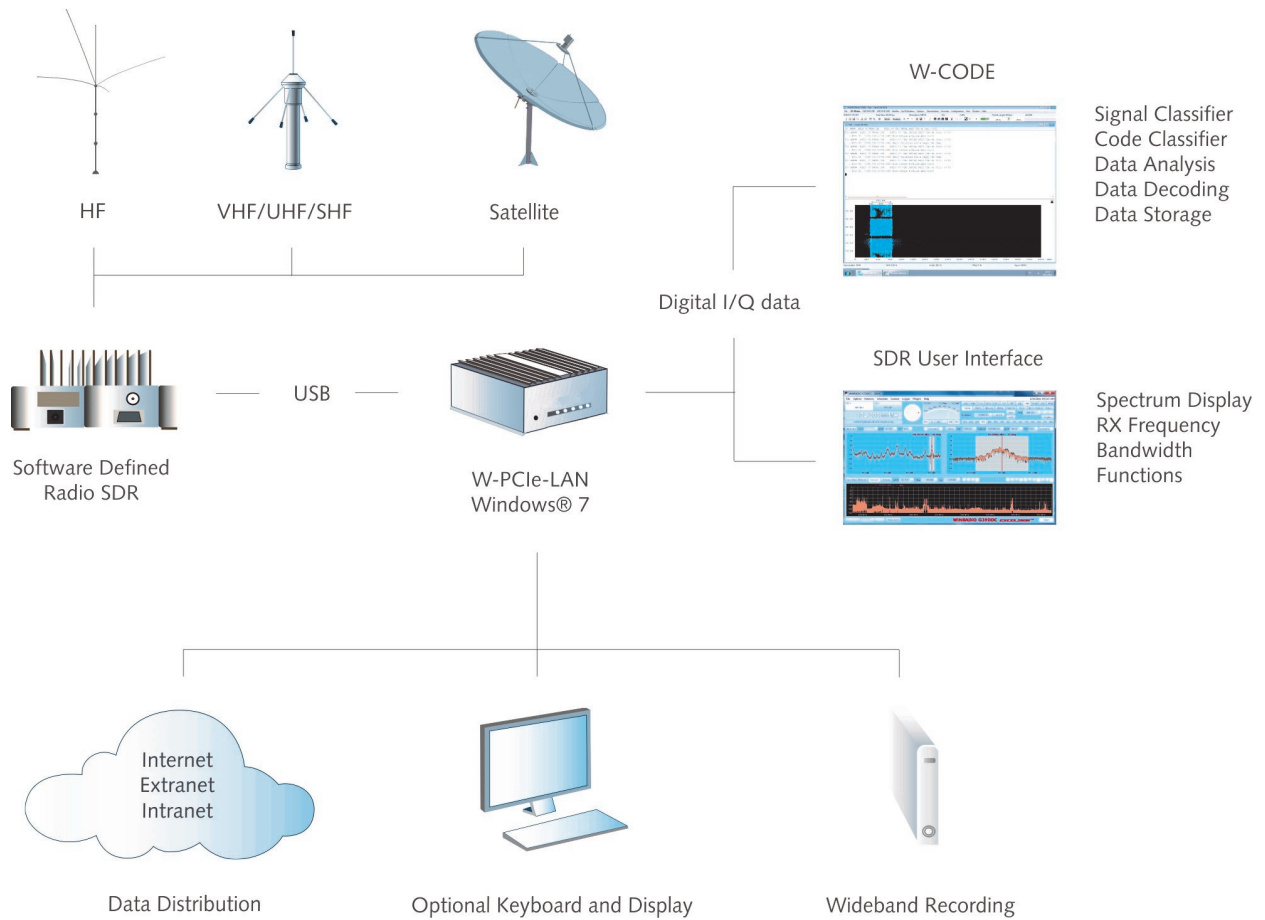
Receiving Configurations

Application Note

A W-PCIe-LAN or W-PCI-LAN and SDR configuration

W-PCIe-LAN and W-PCI-LAN accepts input from IF signals, a number of SDRs, digital audio outputs, WAV files, I/Q data or TCP/IP streams and the host built-in sound card.

W-PCIe-LAN and W-PCI-LAN provides all functions required to analyze, decode and process radio data communications throughout the entire radio frequency spectrum limited only by the frequency range of the receiving equipment.



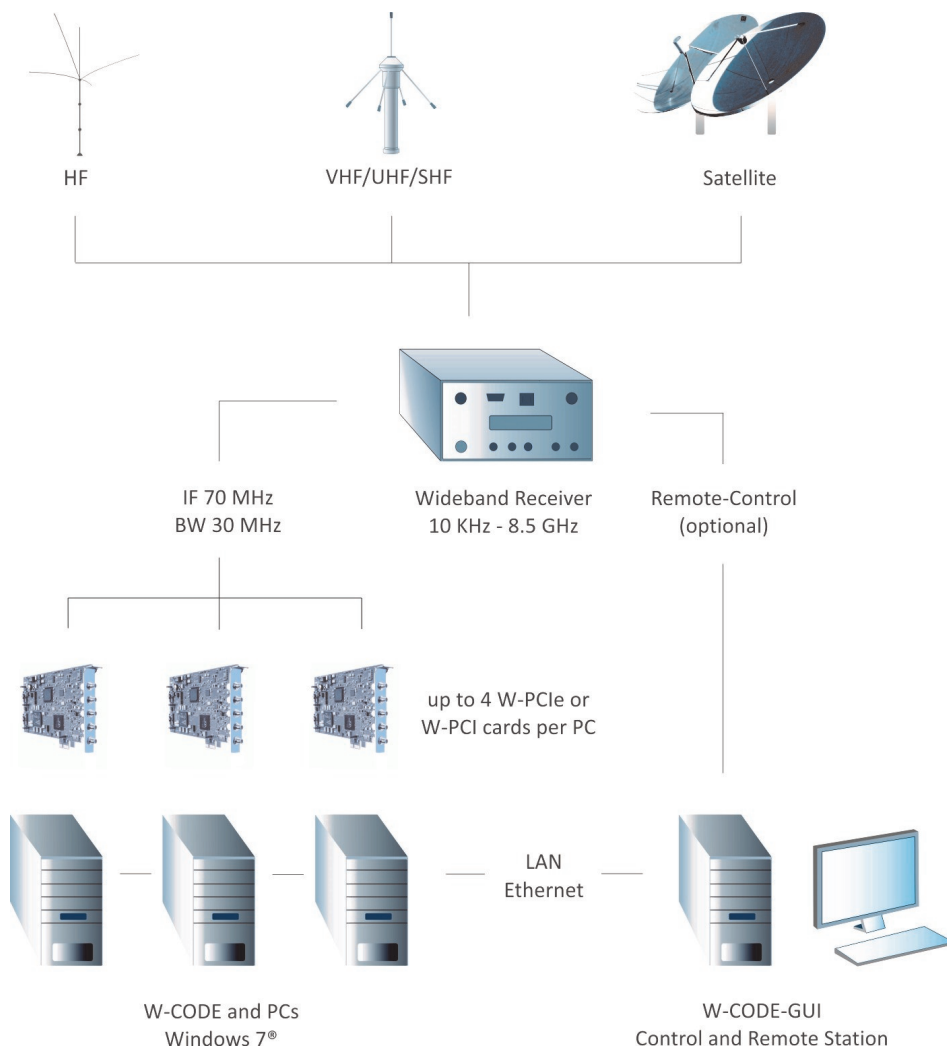
Receiving Configurations

Application Note

W-PCIe or W-PCI Cards with a Wideband Receiver with Very Wide IF Output

W-PCIe or W-PCI offers two completely independent DDC (Digital Down Converter) inputs at IF and AF level, ideally suited for connection to broadband down converters and receivers. The DDCs extract the narrowband signal of interest from a broadband input signal. The extracted signal is then used for further analysis, decoding

and recording. W-PCIe and W-PCI provide all functions required to analyze, decode and process radio data communications throughout the entire radio frequency spectrum limited only by the frequency range of the receiving equipment.



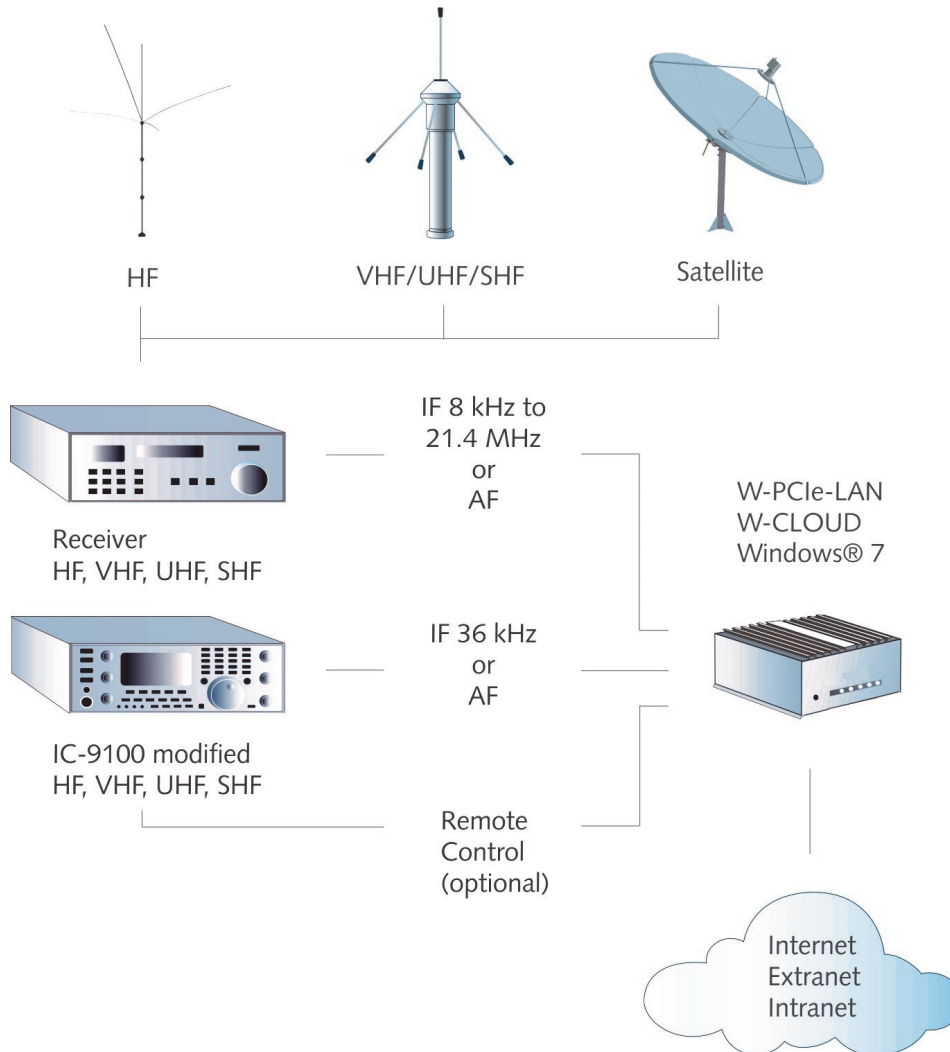
Receiving Configurations

Application Note

A PCIe-LAN or W-PCI-LAN and IF Receiver Configuration

The wideband output of many receivers is well suited as signal source for the DDCs (Digital Down Converters) of W-PCIe or W-PCI. The DDCs extract the narrowband signal of interest from a

broadband input signal. The extracted signal is then used for further analysis, decoding and recording.



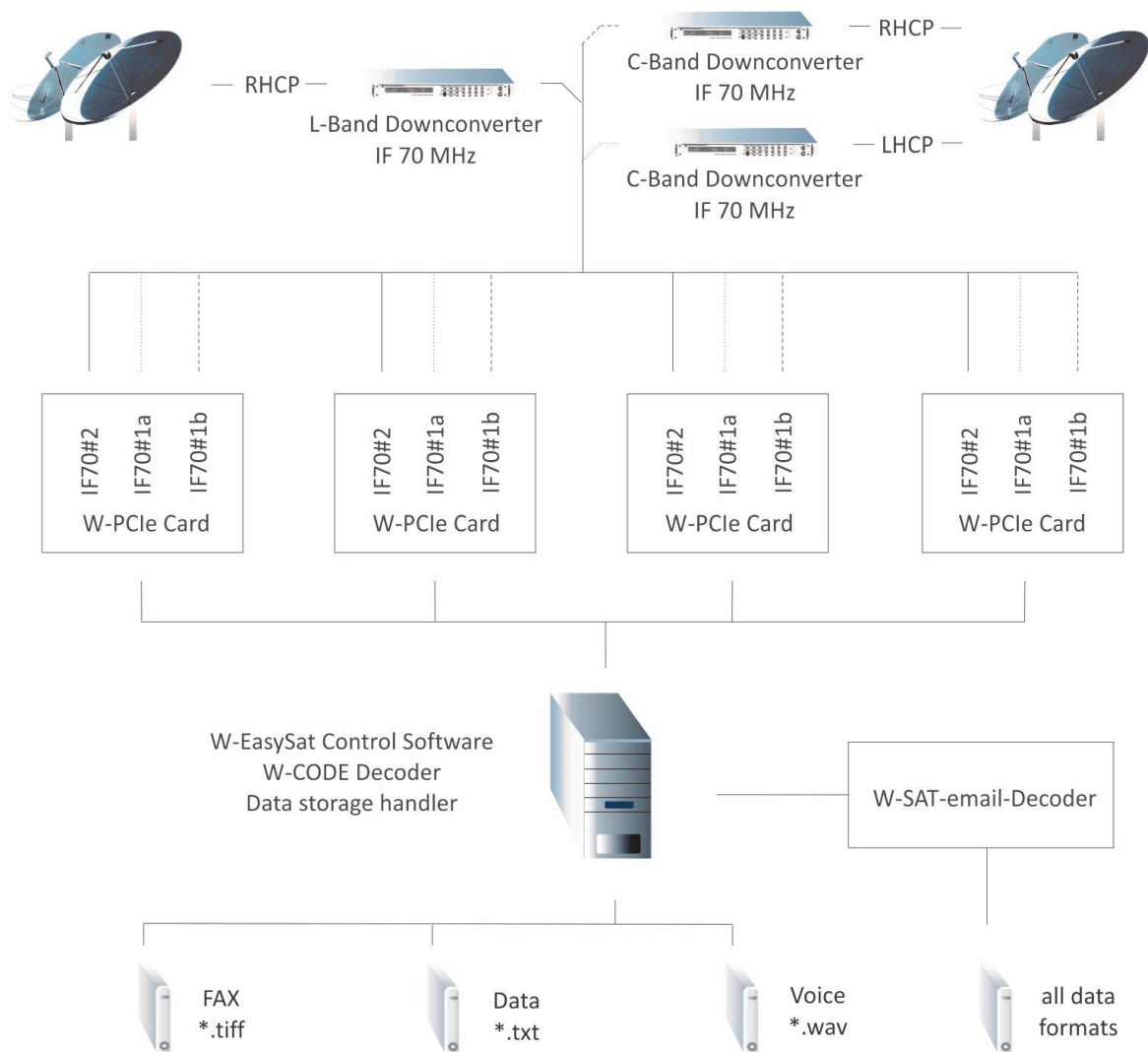
Receiving Configurations

Application Note

Satellite Monitoring Station with W-EasySat and W-PCIe Cards

Satellite monitoring is an integral part of the wide range of modes available for the Wavecom suite of decoders. W-CODE decoder functions include:

- ◆ Real-time voice (Inmarsat B and M), data and fax decoding
- ◆ SAT-AERO decoding and remote control interface enabling customers to build their own customized monitoring system
- ◆ Output can be fed to optional W-SAT-email decoder



Receiving Configurations

Application Note

Since more than thirty years Wavecom Elektronik AG has developed, manufactured and distributed high quality devices and software for the decoding and retrieval of information from wireless data communication in all frequency bands. The nature

of the data communication may be arbitrary, but commonly contains text, images and voice. The company is internationally established within this industry and maintains a longstanding, world-wide network of distributors and business partners.

Product Information

| | |
|-------------------|---|
| Products | http://www.wavecom.ch/product-summary.php |
| Datasheets | http://www.wavecom.ch/brochures.php |
| Specifications | http://www.wavecom.ch/product-specifications.php |
| Documentation | http://www.wavecom.ch/manuals.php |
| Online help | http://www.wavecom.ch/content/ext/DecoderOnlineHelp/default.htm |
| Software warranty | One year free releases and bug fixes, update by DVD |
| Hardware warranty | Two years hardware warranty |
| Prices | http://www.wavecom.ch/contact-us.php |

System Requirements

| | <i>Minimum</i> | <i>Recommended</i> |
|--------|----------------------------|-----------------------------|
| CPU | Core i5 or Core i7 2.8 GHz | Core i7-6700 3.4 GHz |
| Memory | 4 - 8 GB RAM | 16 - 32 GB RAM |
| OS | Windows 7 | Windows 10 32-bit or 64-bit |

Distributors and Regional Contacts

You will find a list of distributors and regional contacts at <http://www.wavecom.ch/distributors.php>