Can I buy a PC Storage Data Card from other sources outside of John Deere?

There are many different types of PC Cards, we discourage the use of PC Cards purchases from other sources. All GreenStar Products require the use of an ATA Type II PC Card. You can order PC storage cards through your dealer.

What is the new StarFire Position Receiver broadcast frequency?

On 27 January 2003 John Deere AMS changed the differential corrections frequency to 1545.5450 MHz. Users can download the new StarFire Position Receiver Software 5.85A from the Downloads page and the receiver will automatically change over to the new frequency or users may manually enter the new frequency into the receiver to receive signal. The receiver software version must be 4.9 or higher to manually input the new frequency when the corrections signal stops picking up signal. To manually enter the new frequency:

- From the GreenStar Display press SETUP
- Press the letter button next to StarFire Receiver
- Press the letter D button to change the Corrections Frequency setting from "Default" to "Below"
- Press the letter E button and using the numeric keypad enter 1545.5450 and press the letter E button again

How do I know when AMS has released a new software version?

In your "Personal Profile" on StellarSupport enter your e-mail address. When there is a fix or upgrade to AMS products, you'll an receive e-mail notifying you of the update.

Where can I find step-by-step instructions and the latest software enhancements to help me with my AMS products, components, and applications?

If you visit the “Downloads” page on StellarSupport you will find instructions that you can read and print off that are valuable to your specific applications. Pre-Season Checks, Quick Reference Guides, and step-by-step instructions on how to operate or setup applications.

What is Parallel Tracking?

Parallel Tracking (PT) utilizes the three GreenStar common components (GreenStar Display, Mobile Processor, and StarFire position receiver). By viewing the display or listening to audible tones, PT assists you in driving a straight line, contours, or row finder. You can apply fertilizer, chemicals, and tillage applications to reduce or eliminate skips and overlaps, which saves you money and time.

What is required to operate Parallel Tracking?

These are the requirements for Parallel Tracking: GreenStar Ready Wiring Kit, GreenStar common components (GreenStar Display, Mobile Processor, and StarFire Position Receiver), Mounting brackets, Parallel Tracking KeyCard.

Which differential correction subscription is required for the StarFire position receiver to operate Parallel Tracking?

Parallel Tracking will operate with any differential correction frequency. WAAS is a no cost option for customers. The signal has low accuracy and is provided by the government. Single and Dual Frequency differential correction signals may be purchased from John Deere to provide greater accuracy. To renew or order a differential correction subscription, call or click on the "Position Receiver Activation" link on StellarSupport to activate your StarFire position receiver.

- North America 1-888-GRN-STAR
- Australia 0011-800-0000-3333
- New Zealand 00-800-0000-3333

Can I use the SprayStar Display from my 4700 sprayer with Parallel Tracking?

The SprayStar display used in a 4700 sprayer can be used in conjunction with Parallel Tracking if it is upgraded to Dual CAN. To upgrade the SprayStar display to Dual CAN, order PF90091.

What is Field Doc?

Field Doc utilizes the three GreenStar common components (GreenStar Display, Mobile Processor, and StarFire position receiver). Field Doc is a simple way to collect and record notes electronically while operating in the field. Customers can record items such as tillage practices, seed varieties, populations, and weather conditions. It is tied to the GPS satellites so every time you make a note, the system recognizes and records your location to create a map or a layer on your computer through JDOffice software.

What is required to operate Field Doc?

Field Doc requires: GreenStar Ready Wiring Kit, GreenStar common components (GreenStar Display, Mobile Processor, and StarFire Position Receiver), Field Doc KeyCard, PCMCIA Data Storage Card, JDOffice desktop computer software, and mounting brackets.

Which differential correction subscription is required for the StarFire position receiver to operate Field Doc?

Field Doc will operate with any differential correction frequency. WAAS is a no cost option for customers. The signal has low accuracy and is provided by the government. Single and Dual Frequency differential correction signals may be purchased from John Deere to provide greater accuracy. To renew or order a differential correction subscription, call or click on the "Position Receiver Activation" link on StellarSupport to activate your StarFire position receiver.

- North America 1-888-GRN-STAR
- Australia 0011-800-0000-3333

§ New Zealand 00-800-0000-3333

I purchased a GreenStar Ready Tractor along with a Field Doc KeyCard. Is anything else I need to operate Field Doc?

If you purchased an implement switch (RE21519 or BA27239) to turn recording ON/OFF automatically when you raise and lower an implement, you will also need a RE63376 jumper harness. If you are using RE21519 and the implement is more than 10 feet from the tractor, you will also need a RE21099 extension harness. Also, if you don't already have one, please order a PC card (PZ10000) to save/transfer the information being recorded in Field Doc to JDOffice on your computer.

What is the difference between a KeyCard and a PCMCIA Data Storage Card?

A KeyCard is the backbone of GreenStar Precision Farming applications. It contains software that allows customers to move from application to application by reprogramming components. A KeyCard is a card that contains keys to specific software needed to operate AutoTrac, Parallel Tracking, Field Doc, and Field Doc Map Based Seeding. A KeyCard must be in the mobile processor to perform an application and cannot be used as a data storage card. A PCMCIA Data Storage Card stores data. Customers that have Field Doc or a Combine Yield Mapping system must have a PC Data Storage card. The PC Data Storage card transfers information between the machine and a computer. It can also be used to update combine yield mapping software, yield monitoring software, and position receiver software. It cannot be used to update AutoTrac, Parallel Tracking, or Field Doc software. You can order a new blank data card to use for demos by ordering code PZ10000 through complete goods, not through the parts channel.

What type of PC card reader do I need for my GreenStar PCMCIA Data Storage Card?

AMS recommends utilizing the Kingston USB 2.0 Hi-Speed PC Card Reader for ATA with a USB connection at $37.00 (plus shipping). It comes with a five-year and can be utilized on all Windows Operating Systems, Mac 8.5-higher, and is 486 or Pentium® compatible. The Manufactures Part # is FCR-HS2/ATA.
For customers wishing to purchase a card reader in Australia you will need to contact Verbatim at www.verbatim.com.au to find out where to purchase a UISA2 card reader.

I used my PCMCIA Data Storage card last year with my Combine Yield Mapping System and/or Field Doc System and need to know how to get rid of last year's data. How do I clean up the PCMCIA Data Storage Card?

Open up JDOffice and insert the PC Card in the PCMCIA card reader. From the File menu, select "Cleanup PC Card." Select the files you want to delete. (As a built-in protection, the only files listed as choices to delete are those that have already been processed and archived on your computer's hard drive). Click "Cleanup" and save your data to the default location, A:\pfdata, or click "Browse"

to save it in a different location. Click “OK” on the Cleanup PC Card screen and “YES” to delete the data.

If a customer wants to operate Parallel Tracking and Field Doc at the same time, should they purchase the applications on separate KeyCards or on the same KeyCard?

There can only be one KeyCard in the mobile processor at a time. If a customer wants to operate Parallel Tracking and Field Doc simultaneously, they will need to order both applications on the same KeyCard. If a customer has purchased the Parallel Tracking KeyCard and wants to add Field Doc or vice versa, please see your local John Deere dealer.

Why doesn't my position receiver work?

On 27 January 2003 John Deere AMS changed the differential corrections frequency to 1545.5450 MHz. Users can download the new StarFire Position Receiver Software 5.85A from the Downloads page and the receiver will automatically change over to the new frequency or users may manually enter the new frequency into the receiver to receive signal. The receiver software version must be 4.9 or higher to manually input the new frequency when the corrections signal stops picking up signal.

Does my StarFire position receiver need a software update in order to use the WAAS signal?

No software update is needed to utilize the WAAS signal. Please read the below FAQ to learn about the WAAS signal.

What is this free WAAS satellite signal available?

The free WAAS satellite signal you are referring to is called the Wide Area Augmentation Signal. It is a free differential correction signal provided by the government to assist airplanes in landing. The WAAS satellite signal is available in some parts of the country as a test signal. You are welcome to try to acquire the WAAS signal however, if you find that the signal proves intermittent or unreliable, call or click on the "Position Receiver Activation" link from StellarSupport to have the receiver activated with a differential correction subscription.

- North America 1-888-GRN-STAR
- Australia 0011-800-0000-3333
- New Zealand 00-800-0000-3333

If I purchase one year of single frequency differential correction, can I upgrade to the dual frequency differential correction?

Yes. You may upgrade the receiver subscription through the "Position Receiver Activation" link on StellarSupport or you may call our Customer Care Center to upgrade the receiver and purchase the dual frequency differential correction subscription at any time.

Can a customer have 5 Hz per second update on a system that is on a 9610 combine?

Yes, no matter what the StarFire position receiver is on...Deere tractor, new combine, older combine, Case tractor, etc...the StarFire position receiver has a 5 Hz per second update on the system....which just means that the receiver is informing the system five times a second of its latitude and longitude.

Do other antennas, CB two-way radios, or vice versa affect the StarFire position receiver?

If a CB radio or cell phone operates on the same frequency as our receiver, you will sometimes see an effect on the receiver. Specifically loss of differential correction. However, this doesn't happen all of the time. In any situation, John Deere AMS always recommends mounting the antennae as far away from the position receiver as possible. Although we do not always see an effect from the antennas, it would be unfortunate to be in the middle of a field and lose differential correction because of the frequency relationship between the receiver and the antennae.

I received a "two days until subscription expires" message after upgrading the mapping and moisture sensor software from 5.3P to 5.5. I plan to use the free signal, do I have to register for that or will I be able to receive the WAAS signal when my differential correction signal expires?

If you plan on using the WAAS signal, you do not have to register for any activation. Please reference the FAQ above that informs you of the WAAS signal.

Can the JDOffice program read the data directly off of an AgLeader data card?

Users may purchase the AgLeader Plug-In for JDOffice. This plug-in will allow users to import AgLeader yield data into the JDOffice desktop computer software program.

How can I get all of our past JDmap data from my old computer into my new computer?

You will need to install JDmap on your new system, then open it up one time and close it. Delete the data folder under GreenStar\jdmap. Copy the data folder from your old computer under the GreenStar\jdmap directory then copy it to the new system, and put it under the GreenStar\jdmap directory. You will have to use a zip drive, or network the two systems together to get the data from one system to the other. After you have the data moved over to the new system you will install JDmap. This will import your data from the old JDmap to new JDmap. If you want help with this or have further questions, please call GreenStar Customer Care Center.

Will data gathered with a JDmap program work in the new JDOffice programs?

Yes. Any data collected in any version of JDmap will work in the new JDOffice software package. When you install the new software, it will automatically pull the old data into the new program. If you have a version of JDmap prior to JDmap

3.0 you will need to call our Customer Care Center to update the software before the information can be brought into JDOffice.

How do I calibrate my combine Yield Mapping or Yield Monitoring system to have better yield or moisture sensor accuracy?

From the Downloads page there are Calibration Instructions that will step-by-step help the operator calibrate the machine. Read and print off the quick reference guide on how to calibrate the machine. There is also a calibration document on how to adjust the moisture sensor correction.

Can I move the GreenStar components from my 00 or 10 series combine to a 50 series combine?

All 00 and 10 Series combines operate on a 4/5-volt CAN bus system and all 50 series combines operate on a 2.5-volt CAN bus system. If a customer would like to move their GreenStar components from a 00 or 10 series combine to a 50 series combine they will need the BH81932 Dual CAN conversion kit. The kit contains the following: Dual CAN Mobile Processor, Dual CAN GreenStar Display board, Dual CAN Moisture Sensor board, Operator's Manual, Harnesses and required brackets, Installation Instructions, and Miscellaneous Items.