Trimble Ag solutions overview. Opportunities and practical application
Trimble in Russia/CIS region
Who is Trimble?

- Trimble Facilities in More than 35 Countries
- Managing millions of sensors in the field
- Customers in over 100 Countries
- $2.6B in 2017 Revenue
- 8,500+ Employees
- >350,000 Trimble and Müller displays in fields globally
- >70,000 correction services customers
- 1,200+ patents
- >$300 million/year on R&D

Trimble - Transforming the Way the World Works
Trimble in Russia/CIS

- Our reseller network offers in-depth precision farming knowledge and after sale support to the customers.
  - 18 resellers in Russia
  - 4 resellers in Ukraine
  - 1 reseller in Belarus
  - 1 reseller in Kazakhstan

- Key player in the market with 40% of imported PF products

- Our goal is to cover the left white spaces and bring precision farming technology to all farmers.
Collaboration with domestic OEMs
Hydraulic Autopilots on Kirovets K-744P and K-424
Rostselmash: Hydraulic Autopilot on tractor BVI 2375

CFX-750
TMX-2050
GFX-750
Rostselmash: Autopilots on tractors BVI
AutoSteer ready

CFX-750
TMX-2050
GFX-750
Rostselmash: Electrical Autopilot and Yield-mapping system on combines

TMX-2050
MTZ: Hydraulic Autopilot on Belarus 4522

CFX-750
TMX-2050
GFX-750
Pegas-Agro: Ez-Pilot and Electrical Autopilot with rate and section control (FieldIQ) on Tuman-1 and Tuman-2 machines

CFX-750
GFX-750
Trimble Hardware Solutions for Precision Agriculture

- Guidance
- GNSS & Corrections
- Application Firmware
- Displays
- Implement Controls
- Sensors
- Water Management
- Variable Rate Irrigation
Trimble Ag Software Solutions for Precision Agriculture

Trimble’s software seamlessly integrates with all of Trimble’s in-field guidance, auto-steer and flow control hardware solutions as well as other third-party systems. Sticking with Trimble makes it easy to wirelessly transfer:

- Guidance lines
- Variable rate prescription maps
- As-applied data
- Yield maps
- Drainage plans
- And much more
Integration with external Software/Systems

- Importing of Data
- Exporting of Data
GFX-750 Display & NAV-900 Guidance Controller
Smart farming made easy

SAM-200 (Электромотор)

GFX-750

NAV-900

APMD
Hi Farmer
11:41

I have an issue with my Isobus implement.
Trimble Navigation Trimble G12 11:42

Screenshot request has been sent

Is the ISOBUS plug connected?
11:43

it was not working now
Trimble Navigation Trimble G12 11:44

thanks
Trimble Navigation Trimble G12 11:44
Our vision and strategy
Trimble Correction Services for Accurate GNSS Solutions
Available Correction Services

<table>
<thead>
<tr>
<th>Точность</th>
<th>Высокая точность &lt;2,5 см</th>
<th>Высокая точность &lt;4 см</th>
<th>Высокая точность &lt;15 см</th>
</tr>
</thead>
<tbody>
<tr>
<td>Сервисы Коррекции</td>
<td>CenterPoint® RTK</td>
<td>CenterPoint RTX</td>
<td>RangePoint® RTX</td>
</tr>
<tr>
<td>Операции</td>
<td>Плантация и уборка свеклы</td>
<td>Посев пропашных культур</td>
<td>Опрыскивание, внесение удобрений</td>
</tr>
<tr>
<td></td>
<td>Междуурядная культура и превентивное обезвоживание</td>
<td>Сплошной посев и уборка урожая</td>
<td>Операции по подготовке почвы</td>
</tr>
<tr>
<td></td>
<td>Управление движением на полях (Controlled traffic farming)</td>
<td>Работа на больших площадях</td>
<td></td>
</tr>
</tbody>
</table>

Передача Коррекции
- точность 2,5 см
- точность < 4 см
- относительная точность <15 см абсолютная точность 50 см

* Все показатели ровностной точности указаны на основе полевых испытаний и сохраняются в 95% времени. Зависит от возможностей приемника и географического расположения.
What is Trimble RTX
Summary

- Trimble RTX benefits from 40% faster convergence time with GPS, GLONASS, Galileo and Beidou
- Trimble GFX-750 more robust in demanding environments
Basic principle of the system

Common DataBase of Ag holding!

- Ag machines’ dealers and rented fleet
- Agronomists
- External Data
- Ag machines
- Analytical and accounting data
Mobile Application (iOS, Android)

- Agronomists
- Engineers
- Accounting clerks
- Machine operators
Thank you for attention.

Questions?