



FX9600 Industrial Fixed UHF RFID Reader

**TOP OF THE LINE PERFORMANCE FOR
HIGH-VOLUME RUGGED ENVIRONMENTS**

AGENDA

- Challenge
- Introducing FX9600
- Features
- Global Services
- Why Zebra





THE BUSINESS CHALLENGE

The Business Challenge

Every day, there's a flow of goods, vehicles, shipments and other assets moving **in, out** and **throughout** your facility

Tracking inventory and assets is critical to your business...

You need to track products and pallets as they move in and out.

You need to keep track of all the equipment and vehicles you need to get the job done.

And you need to do all of this as accurately and efficiently as possible.

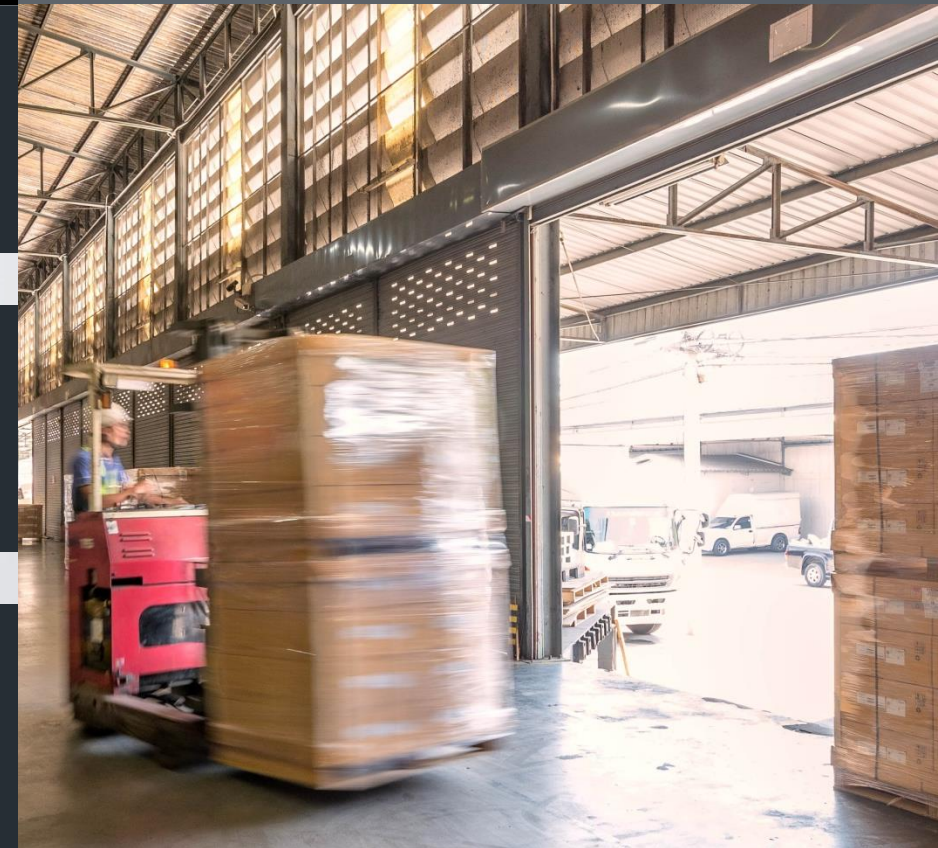
RFID can help you track your goods and assets as they move through your portals and doorways.

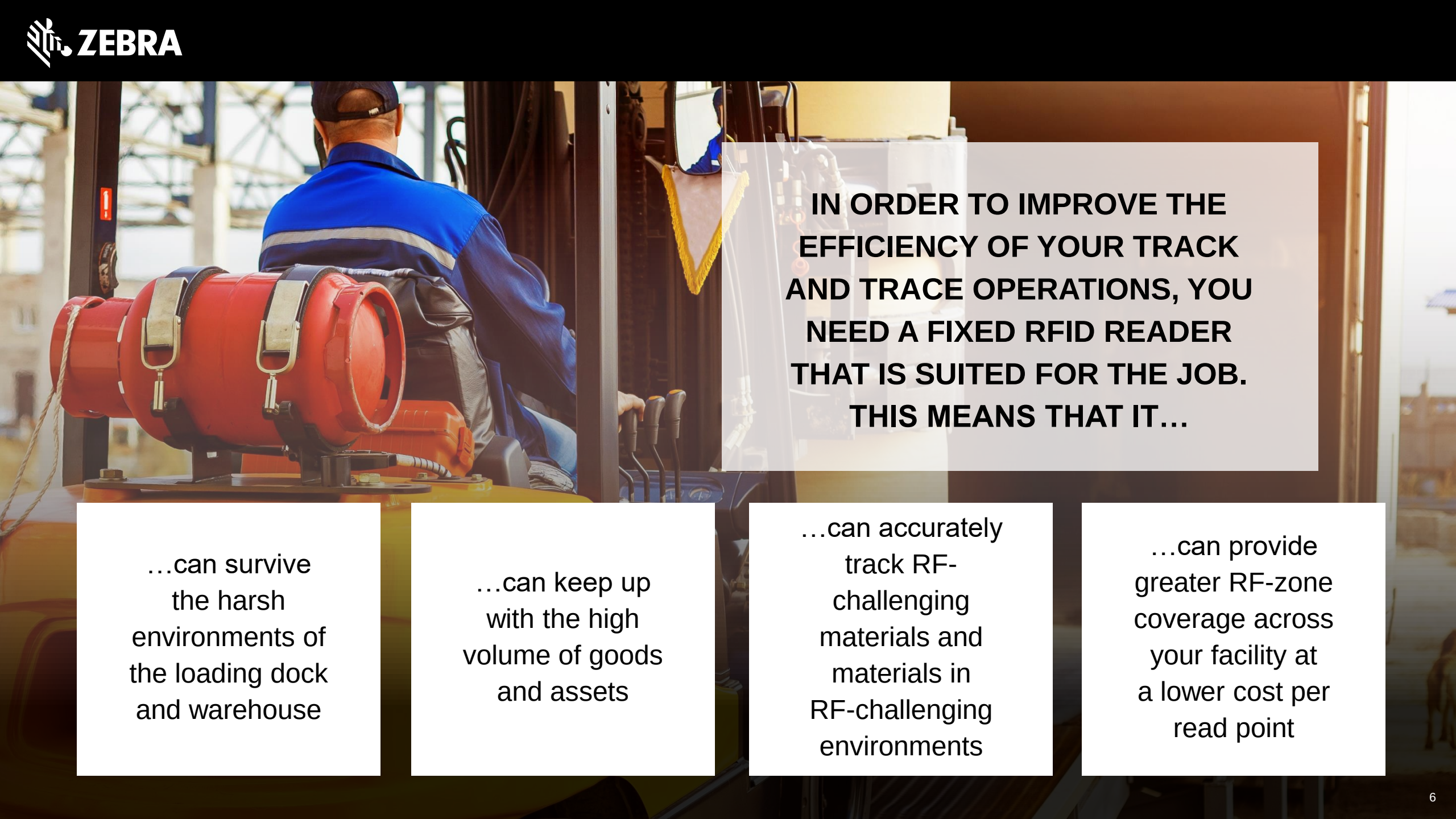
WITH FIXED RFID READERS STRATEGICALLY PLACED, YOU CAN...

Quickly and accurately track large volumes of assets at the individual item level, case level or pallet level

Streamline both asset management and supply chain operations

Automate data capture to reduce labor costs, lower the chances of human error and enable better business decision making



A background image showing a worker in a blue high-visibility vest and cap operating a forklift. A large red fire extinguisher is mounted on the back of the forklift. The scene is set in a warehouse or industrial environment.

**IN ORDER TO IMPROVE THE
EFFICIENCY OF YOUR TRACK
AND TRACE OPERATIONS, YOU
NEED A FIXED RFID READER
THAT IS SUITED FOR THE JOB.
THIS MEANS THAT IT...**

...can survive
the harsh
environments of
the loading dock
and warehouse

...can keep up
with the high
volume of goods
and assets

...can accurately
track RF-
challenging
materials and
materials in
RF-challenging
environments

...can provide
greater RF-zone
coverage across
your facility at
a lower cost per
read point

A close-up, high-angle photograph of a Zebra FX9600 Fixed UHF RFID Reader. The device is black and rectangular, with a series of parallel, slightly curved ventilation slots on its top surface. A black rectangular label is affixed to the top right, featuring the Zebra logo (a stylized 'Z' with a barcode-like pattern) and the word 'ZEBRA' in white, bold, sans-serif capital letters. On the right side of the device, there are several ports: a white multi-pin connector, a BNC connector, and a standard RJ45 Ethernet port. The background is dark and out of focus.

INTRODUCING THE FX9600 FIXED UHF RFID READER

Introducing the FX9600 Industrial RFID Reader

Industry-best RFID Performance for your Most Demanding, High-Volume Environments

Superior RFID sensitivity and exceptional read accuracy

Industry-best read rates

Lower deployment complexity and costs

Rugged design for tough environments

Lower cost per read point with 8-port model

Accommodate growing needs to future-proof your investment

Get a new level of cost efficiency for passive UHF asset tracking and inventory management — without compromising on performance.



APPLICATIONS AND MARKETS

Automate inventory management and track the flow of goods.

INDUSTRY USES

Warehousing, T&L,
Manufacturing, Supply
Chain, Retail (Back of
Store), Government

APPLICATIONS

High traffic volumes;
wide variety of RFID-
tagged cases and pallets;
item-level tagging;
asset tracking

ENVIRONMENTS

Loading docks,
distribution centers,
warehouse floors
and stock rooms



FEATURES

INDUSTRY-BEST PERFORMANCE

TRACK THE FLOW OF GOODS AND ASSETS
FASTER AND MORE ACCURATELY
THAN EVER BEFORE

Industry's fastest
read rates up to
1250+ tags/sec

**Superior RF
sensitivity**
for high read
performance and
exceptional read
accuracy

**Highest
throughput in
this class** — even
in the densest RF
environments with
challenging
materials, such as
metal or liquids

**Best-in-class
processor and
expanded
memory** —
supports very high
traffic throughput
and sophisticated
software
applications;
accommodates
future upgrades
and applications
as your needs
change.

UNRIVALED DEPLOYMENT SIMPLICITY



Parse data at the edge with embedded applications

- Simplify data integration into a wide variety of middleware and apps
- Reduce the amount of data transmitted to your backend servers



No need to run power drops with PoE and PoE+

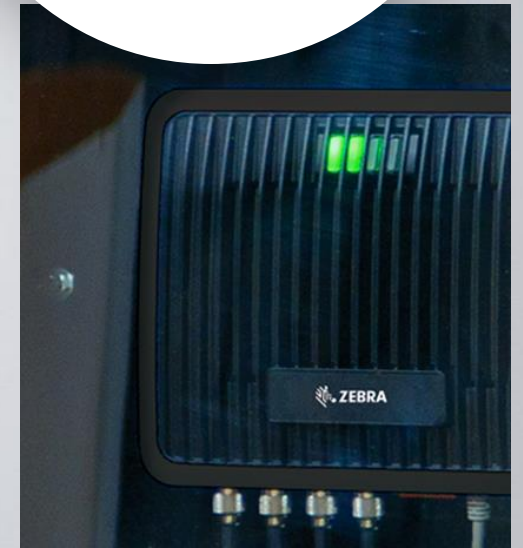
- Eliminate the time and cost required to run power drops to each reader location with support for PoE (802.3af) or PoE+ (802.3at)
- PoE+ or the 24V power supply provide maximum RF output power capabilities



Wireless connectivity with USB dongle

- Directly connect to your Wi-Fi network or Bluetooth-enabled devices

**DECREASE
SYSTEM
DEPLOYMENT
TIME AND
COSTS**



BUILT FOR YOUR TOUGHEST INDUSTRIAL ENVIRONMENTS

The durability you need to ensure uptime in damp, dusty work areas, extreme heat or subzero temperatures

MIL-810
shock rating

Plenum-rated,
rugged diecast
aluminum
housing

IP53 sealing
for protection
against dust
and spraying
water

-4°F to 131°F /
-20°C to 55°C
operating
temperature
range



MORE READ POINTS PER READER



Available in 4-port and 8-port models

Only reader in its class to
offer 8 RFID ports*

Cover more dock doors,
portals and read zones with
fewer readers

Lower cost per read point
for a superior ROI



* Unlike with other readers, no costly
add ons are necessary that can cause
instability or unstable read rates

FX9600: AT-A-GLANCE FEATURES

System Architecture

- Linux
- 600 MHz processor
- 256 MB RAM / 512 MB Flash
- Dual Stack IPv6 and IPv4 support

Interfaces

- 10/100 BaseT Ethernet
- USB Host & Client
- GPIO – Opto-Isolated (4 input, 4 output)

Power

- POE/ POE+
- +24V DC Universal Power Supply



Connectivity

- Ethernet 10/100 with MDI/MDX, auto-negotiate
- Wi-Fi and Bluetooth capable via optional dongle adapter

Zebra Radio Technology

- Fast Read Rate: 1250+ tags / sec
- Superior DRM Performance
- High Sensitivity: -86 dBm
- Adaptive Intelligence Technology
- 4 or 8 monostatic ports
- EPC Class 1 Gen2V2 compliant

Enterprise Software

- API set: Zebra RFID3
- SDK: .NET, C and Java
- EMDK (for embedded application development): Java and C SDK



ZEBRA GLOBAL SUPPORT SERVICES

Zebra OneCare™



COVERAGE
FROM DAY ONE

KEEP YOUR FX9600 READERS OPERATING AT PEAK PERFORMANCE

Upgrade to the ultimate in post-deployment support with multi-year cost-effective coverage right out of the box:

You're covered – period!

Normal wear and tear plus accidental breakage repair coverage

Full access to technical support resources and software releases

Upgrade to OneCare Select to add advanced replacement of devices needing repair, 24/7 Level One support and more

BENEFITS

- Maximize device uptime
- Unparalleled “from the manufacturer” expertise
- Outstanding value — eliminates unexpected repair costs
- Frees IT to focus on more strategic initiatives

ON-SITE SYSTEM SUPPORT

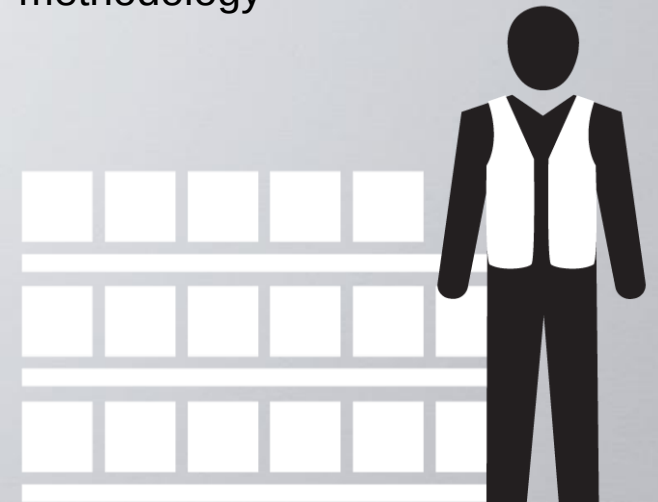
Zebra-authorized technicians arrive at your location equipped and ready to keep your system operating at peak performance

Quick on-site response: Choose the level of response that fits the needs of your organization

Reduces ongoing resource costs:
Less capital required to purchase test equipment, hire additional technicians and keep them current with your technology

RFID Design and Deployment Services

- A dedicated team of experienced and knowledgeable professionals to help you adopt RFID technologies
- Ensures on-time, on budget completion
- Uses a structured and proven implementation methodology



A close-up, high-angle shot of a Zebra RFID reader device. The device is black and rectangular, with the Zebra logo and brand name printed on its top surface. It is positioned in the foreground, slightly to the right. In the background, a keyboard is visible, with its keys and the frame of the device partially obscured by the RFID reader. The lighting is dramatic, with strong highlights and deep shadows, emphasizing the textures of the plastic and the layout of the keyboard.

ZEBRA — A TRUSTED RFID PARTNER

Get the most out of your RFID investment — from the leader in RFID

Zebra provides everything you need to deploy RFID in your business, from industry-leading infrastructure to the expertise you need to maximize the benefits of RFID

Well-tested products in virtually every industry and in some of the largest companies

More RFID systems installed than any other RFID provider

Over 300 RFID technology patents and years of industry-first innovations

End-to-end solution simplicity: RFID printers for every need, fixed and handheld RFID readers and antennas to maximize performance and the largest selection of labels and tags to complete your deployment



Unmatched Breadth

**EVERYTHING YOU NEED, UNDER ONE ROOF – MOBILE DEVICES,
SCANNERS, RFID, SECURITY AND SUPPORT SERVICES**



Handheld mobile computers

Vehicle-mount mobile computers

Wearable mobile computers

Tablets

Handheld barcode scanners

Fixed mount scanners

Handheld RFID readers

Fixed RFID readers

Interactive kiosks

Mobile device management

Printers

End-to-end services

THANK YOU

Gracias
Mamana
Kiitos
Grazie
Kia Ora
Matondo
Dank Je
Niringrazzjak
Obrigado
Mochchakkeram
Obrigado
Matondo
Salamat
Niringrazzjak
Matur Nuwun
Chokrane
Raibh Maith Agat
Kiitos
Salamat
Arigato
Obrigado
Mochchakkeram
Ua Tsaug Rau Koj
Maake
Dankon
Maake
Ua Tsaug Rau Koj
Mochchakkeram
Terma Kasih
Multumesc
Merci
Raibh Maith Agat
Obrigado
Asante
Merci
Vinaka
Multumesc
Spasibo
Cam on ban
Kiitos
Raibh Maith Agat
Merci
Mochchakkeram
Chokrane
Grazie
Welalin
Multumesc
Juspaxar
chokrane