

Vision

"To be
an Electoral Administration of **Excellence** that
Enjoys the **TRUST**
of Citizens and Electoral Stakeholders"

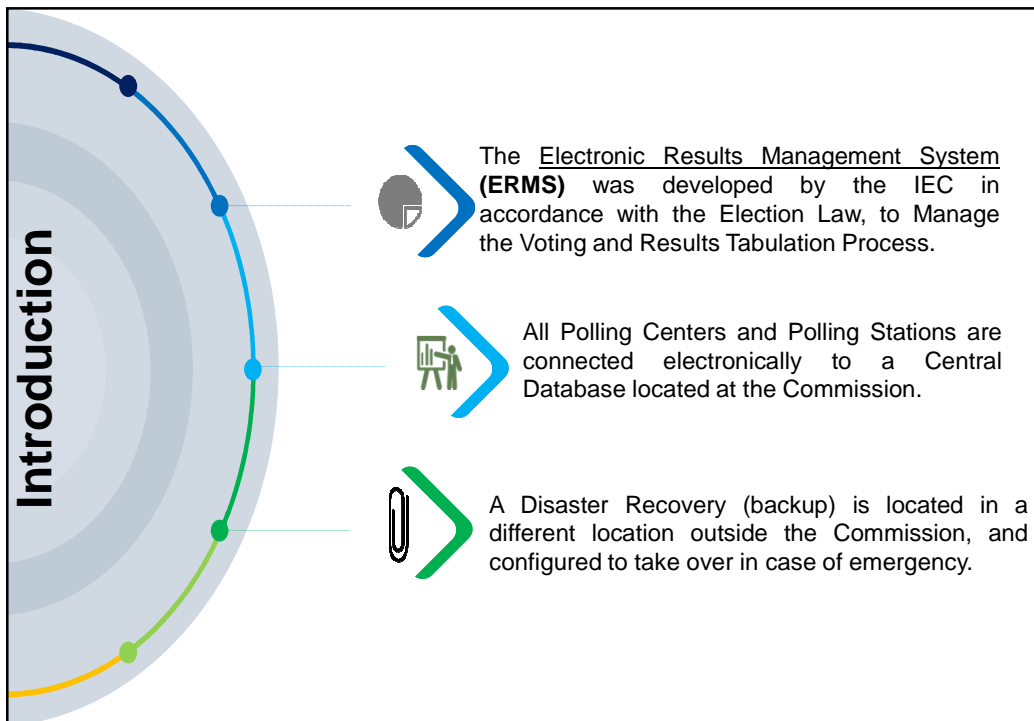
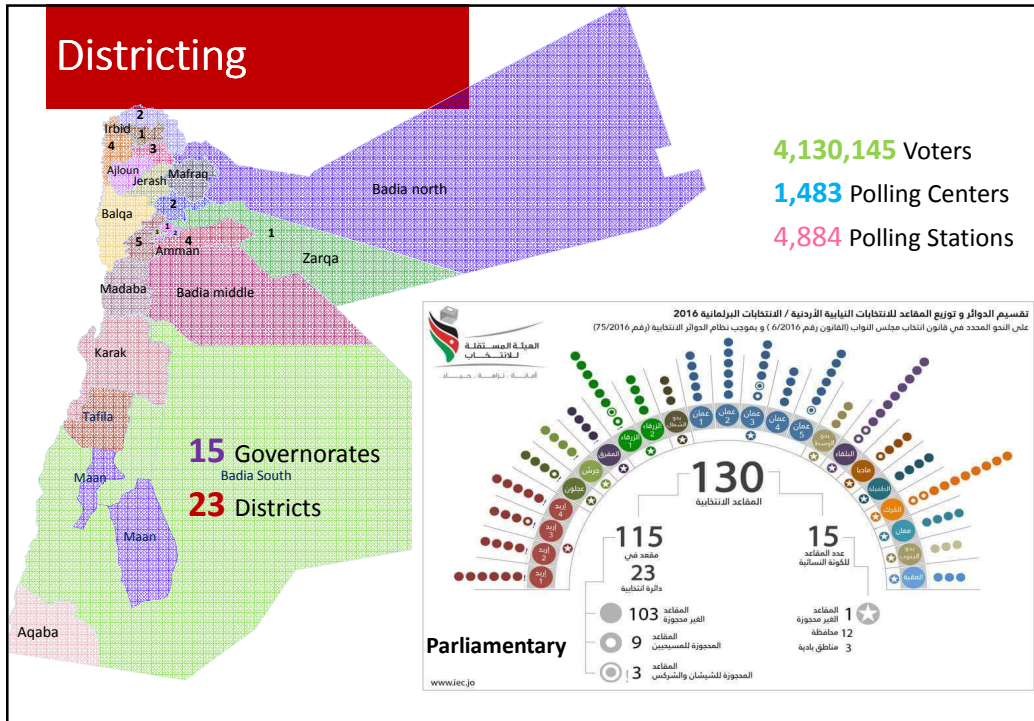


**Independent Election
Commission**


Trust . Integrity . Impartiality

**Electronic Result Management Systems
ERMS – Elections 2016**







Objectives of ERMS -1-



During polling, it allows voter identity to be verified against the electronic voter list and prevents double voting by Marking The Voter in the central database once s/he has cast a ballot.




- Provide various statistics on the voting process:
 - Turnouts figure at Polling Station level, Center, District and Governorate.
 - Statistics by age group, gender.
 - Turnout figure by minutes, hour, etc.




The various statistics are live streamed on a large screen at the media center.


Objectives of ERMS -2-



After the counting process, the system allows the data entry of polling station results and counting reconciliation data.



The preliminary results of the election is available along with the number of valid, invalid and blank ballots.



Each Polling Station is equipped with a **CAMERA** that only used to record the counting process, and Displayed in front of the Observers ,Candidates and their Representatives

Polling Station Setup



Monitor displays the Election System to Observers, Candidates, Agents and Media

Election System Screen / Polling

عدد المقترعين بالصندوق

Number of Voters in PS

اسم المستخدم : 1 خروج

المحافظة	العاصمة	Governorate	<p>الانتخابات النيابية للمجلس الثامن عشر</p> <p>شاشة الإقتراع</p>
الدائرة	الاولى	District	
المركز	مدرسة الامام مالك الثانوية للبنين	Polling Center	
اللحنة	صندوق رقم 32	Polling Station	

Enquiring by Voter National Number

الرقم الوطني : 9568505506

استعلام عن المقترع

استعلام جديد

Voter Serial Number in the list	192968	الرقم التسلسلي بحذف الناخبين
Voter National Number	9568505506	الرقم الوطني
Full Name	السراخين العزازمه	الاسم الرباعي
Birthdate	22/11/1956	تاريخ الميلاد

صاحب هذا الرقم الوطني ، لم يقم بممارسة حقه في الإنتخاب ويحق له الإنتخاب من خلال هذا المركز.

Voter didn't vote before and he has the right to vote in this PS

تغيير الحالة الى منتخب

Change Status

جميع الحقوق محفوظة © 2016

Media Center / Polling



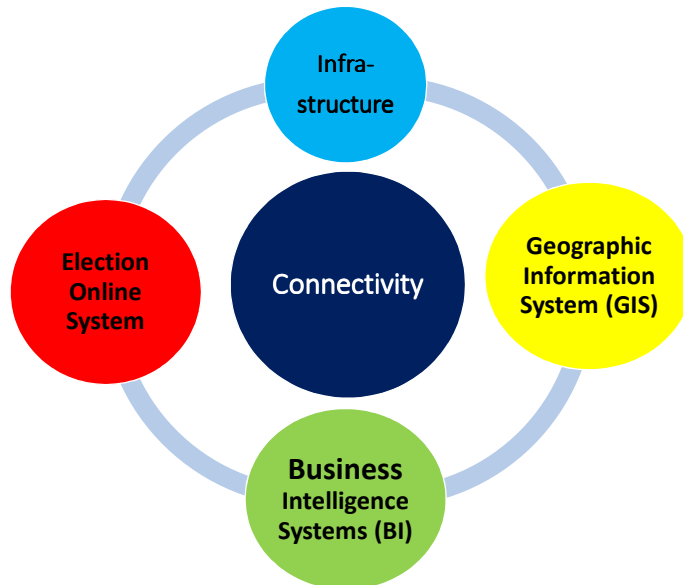
Media Center / Polling



Use of Camera



Components of the ERMS



Components of ERMS

Infrastructure and Connectivity:

- Each of the 4,884 Polling Stations are equipped/provided with :
 - 1. ADSL
 - 2. 3G/4G service
 - 3. SMS
- } Main service
- } Backup service
- The connection is secured through a (VPN) Virtual Private Network and disconnected from the internet (Network just for public election)
 - The Disaster Recovery center (DR) is on standby and can be activated Immediately.

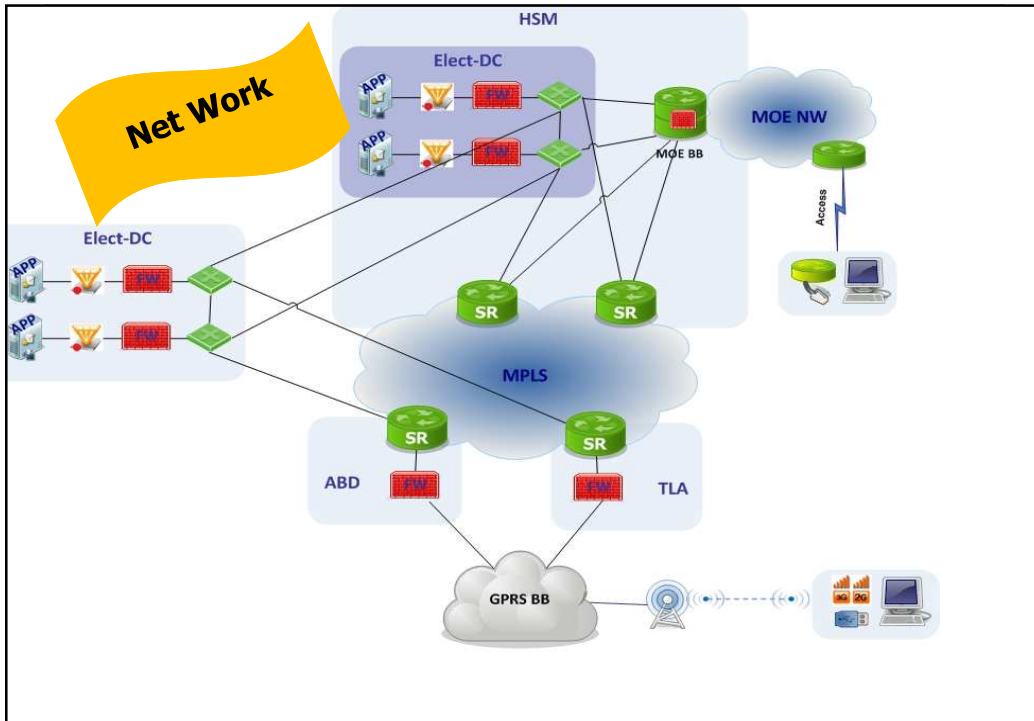
Components of ERMS

Electoral online system:

- Each polling station contains the electronic voter lists of that stations, the candidate name, photo and lists of the related districts.

Geographic Information System (GIS)

- Used to automatically assign **4,130,145** voters to polling centers and polling station.
- Allowed a real-time monitoring of all polling stations.
- Allowed voters to find their polling center and observers, guests and journalists to find polling centers location easily.



A screen of monitoring Polling and Counting Centers. The **Green** color indicates that all ballot boxes are operating with no problems. The **Red** color indicates there is a problem at the level of the polling center. The **Yellow** color indicates there is a problem at the level of the ballot box, the screen works at governorate level ,districts and polling centers.

The screenshot shows a monitoring interface for "نظام الصناديق العاملة" (Active Ballot System). The interface includes a map with numerous green, red, and yellow markers representing polling centers. A sidebar on the right lists various monitoring categories. At the bottom, there is a data table with the following columns: اسم المركز (Center Name), عدد الصناديق الكلي (Total Ballot Boxes), عدد الصناديق العاملة (Active Ballot Boxes), نسبة الصناديق العاملة إلى غير العاملة % (Percentage of active ballot boxes to non-active), and تفاصيل الصناديق (Ballot Box Details). The table shows 2 active ballot boxes and 0 non-active ballot boxes.

اسم المركز	عدد الصناديق الكلي	عدد الصناديق العاملة	نسبة الصناديق العاملة إلى غير العاملة %	تفاصيل الصناديق
مدرسة طارق بن زياد الأساسية للبنين	2	2	0	

Page 1 of 1 View 1-1 of 1
جميع الحقوق محفوظة 2016
Parliamentary Seats

Find your Polling Center

Final Voters List (FVL) جدول الناخبين النهائية

Enter National Number الرجاء ادخال الرقم الوطني:

الرقم الوطني: * 9782035095

الرقم الوطني: * 9782035095

التصويت بالبريد

بحث

الرقم الوطني	الاسم
9782035095	الرقم الوطني
سماير حسين علي جمال	الاسم الكامل
163	رقم التصويت
المنطقة	اسم المنطقة
الناحية	الدائرة الانتخابية
مدرسة شجرة الدر الأساسية الأولى للبنات	اسم المركز
لبن	خمس مركز الاقتراع
المودة بطنية عمان	مكان الاقتاع
133	التسلسل بالاصدق

الرقم الوطني: * 9782035095

الرقم الوطني: * 9782035095

التصويت بالبريد

بحث

Positive Impact of Connectivity



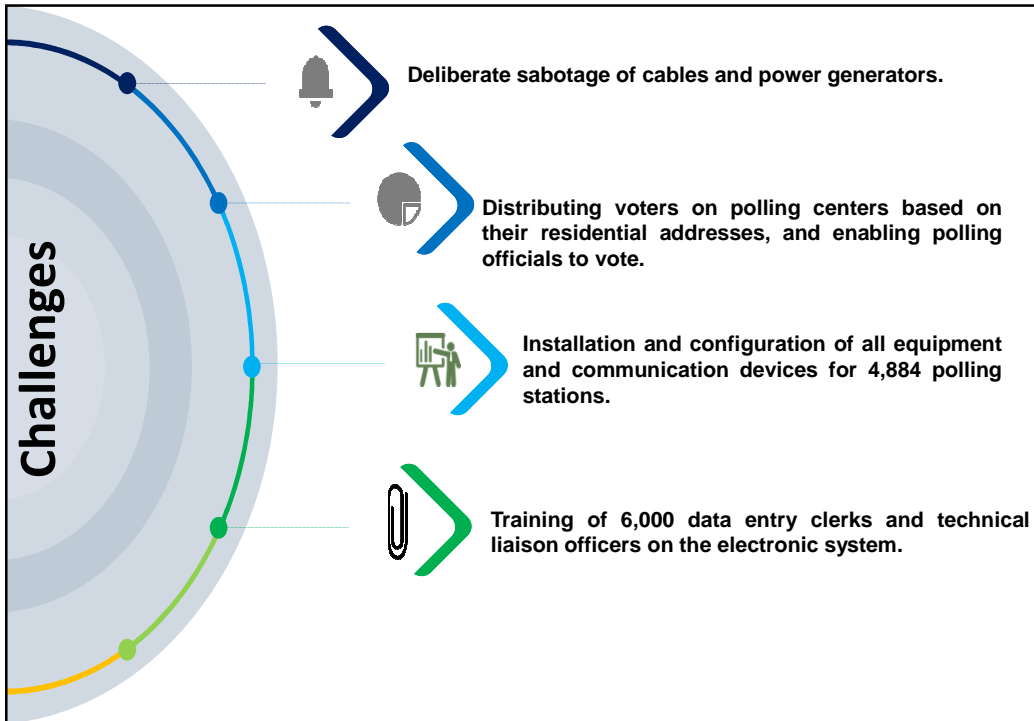
- Prevention of multiple voting. Voter can vote in one polling station only.
- Availability of turnout by Age group, Gender, District at Polling Station and live stream at the Media Center.



- Preliminary results available shortly after the close of polling.
- It can allow auditing of the election results by all stakeholders.



- Ensure the highest degree of accuracy in the results by audit the electronic results with paper results
- Follow up on and monitor polling centers in electoral districts



Independent Election Commission
Trust . Integrity . Impartiality

Thank You