



Beautiful Information®

Dr Marc Farr




East Kent Hospitals University 
NHS Foundation Trust

EKBI Business Intelligence | Beautiful Information®


#dataintoaction

Developing an Information Strategy to improve Patient Safety

Dr Marc Farr
Deputy Director of Information




Putting patients first




Today

- How and why did we develop EKBI?
- How can we help clinicians become more pro-active by providing real-time data?
- How do we present data from CHKS across the 4th largest trust in England?



EKBI - why bother?

- Generating income means savings programmes do not affect my department.
- Sending my staff out to other organisations provides excellent development, better than any course.
- Developing a commercial offer has created a research environment that will attract bright young things.
- Raising the profile of Informatics.

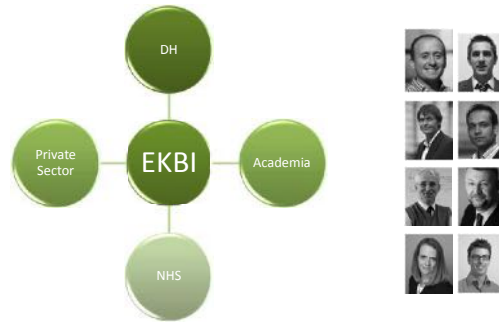


Beautiful Information

- ❖ Say no to Data. Only accept **Intelligent Information** that provides a very clear call to **Action**.
- ❖ Simplicity from Complexity. With ever-increasing data resources available and channels of communication possible, information has to be presented in a way that is intuitive, compelling and engaging. **Beautiful information**.
- ❖ NHS Innovation has commercial value. The current market-place for information is dedicated to two models; payment for services from the private sector and sharing of ideas within the NHS family. There is a third way, the **commercialisation of good ideas from within the NHS**.

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New Networks and Associates



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New collaboration

Healthbox

AHSN Kent, Surrey & Sussex Academic Health Science Network

zone

Cerner

Surrey & Sussex Commissioning Support Unit

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New use of marketing

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Get in touch with the award winning East Kent Hospitals NHS trust to see how we could help you.

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HSJ INNOVATORS

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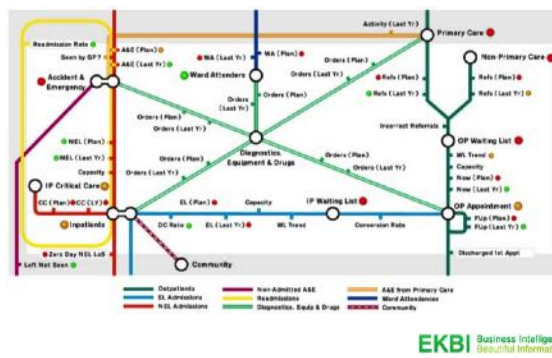
New products and services

Quick wins and outcomes

Knowledge Management structure

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New user experience



New user experience

Surgical				
Vascular Surgery				
	In Month	YTD	YTD Plan	
MTD	0	16	155	181
IP Elective	-100%	-10%		
IP Non-Elective	-89%	420%		
OP Follow-Up	-73%	130%		
OP New	-77%	45%		
Ref Non-Primary Care	-92%	650%		

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Helping Clinicians become more pro-active through providing real-time data

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Vision and direction

- Transparent**
 - Share operational data between commissioners, providers and patients
- Triangulate**
 - Data Mining to deliver intelligence
- Trusted**
 - Data believed and owned by clinicians
- Timely**
 - Real-time information available across any platform or device

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Vision and direction

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Dashboards delivered in real-time

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Accident & Emergency
Daily Compliance Real-Time Reporting
Last updated: 10/29/2013 10:40:06

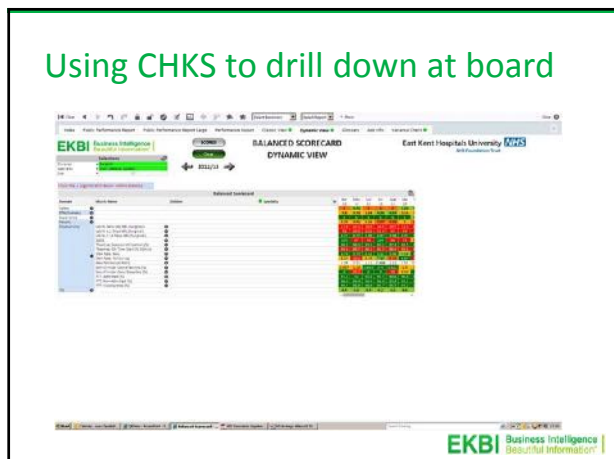
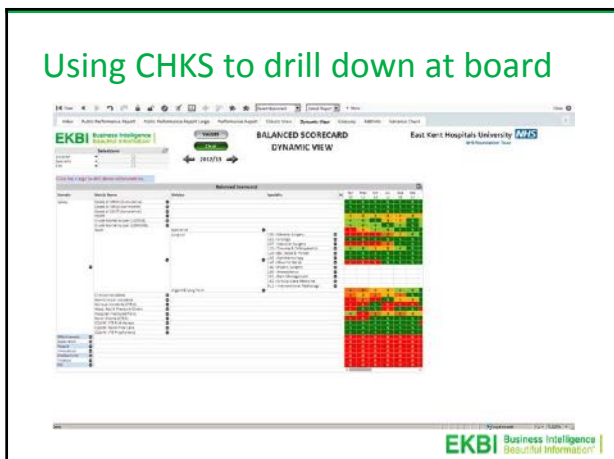
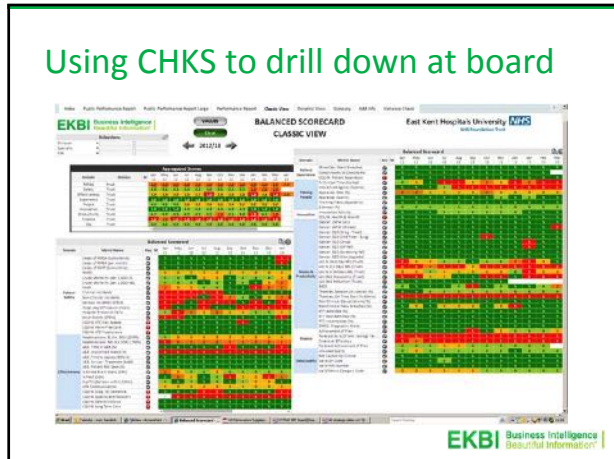
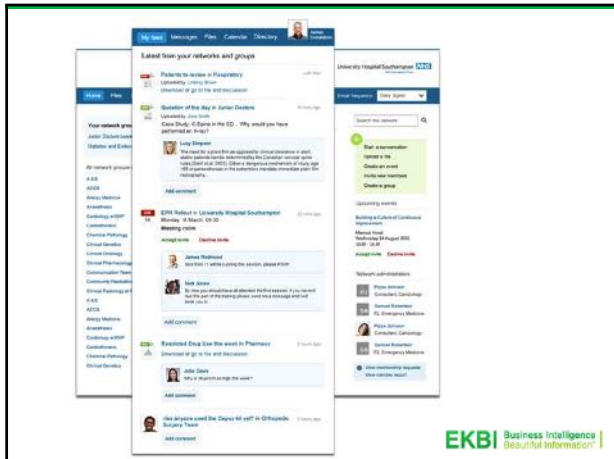
Dashboards delivered in real-time

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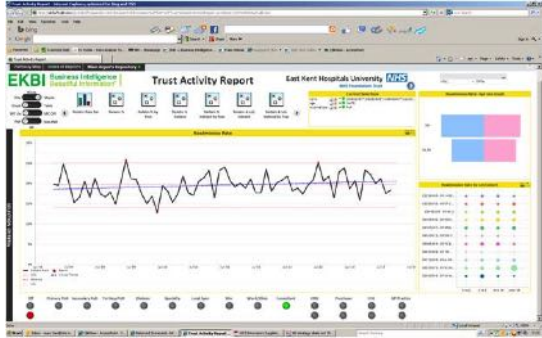
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Current Inpatients Dashboard
Last Reloaded: 20/10/2013 09:29:59

Admissions	Discharges	Current Inpatients	Ward	Department	Admission Date	Discharge Date	Admission Time	Discharge Time	Admission Reason	Discharge Reason	Admission Status	Discharge Status
10/29/2013 11:44:00	10/29/2013 11:44:00	10/29/2013 11:44:00	10/29/2013 11:44:00	10/29/2013 11:44:00	10/29/2013 11:44:00	10/29/2013 11:44:00	10/29/2013 11:44:00	10/29/2013 11:44:00	10/29/2013 11:44:00	10/29/2013 11:44:00	10/29/2013 11:44:00	10/29/2013 11:44:00



Using CHKS to drill down at board



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Using CHKS to drill down at board



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Extending Vascular data beyond mortality

The screenshot displays the CHKS Eye dashboard, which includes a table of vascular data. The table has columns for various metrics and a color-coded bar chart on the right side.

Category	Value 1	Value 2	Value 3
Stroke	1,000	1,000	1,000
Cardiovascular	1,000	1,000	1,000
Diabetes	1,000	1,000	1,000
Chronic Kidney Disease	1,000	1,000	1,000
Heart Failure	1,000	1,000	1,000
Peripheral Vascular Disease	1,000	1,000	1,000
Arterial Hypertension	1,000	1,000	1,000
Hyperlipidaemia	1,000	1,000	1,000
Smoking	1,000	1,000	1,000
Alcohol	1,000	1,000	1,000
Obesity	1,000	1,000	1,000

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