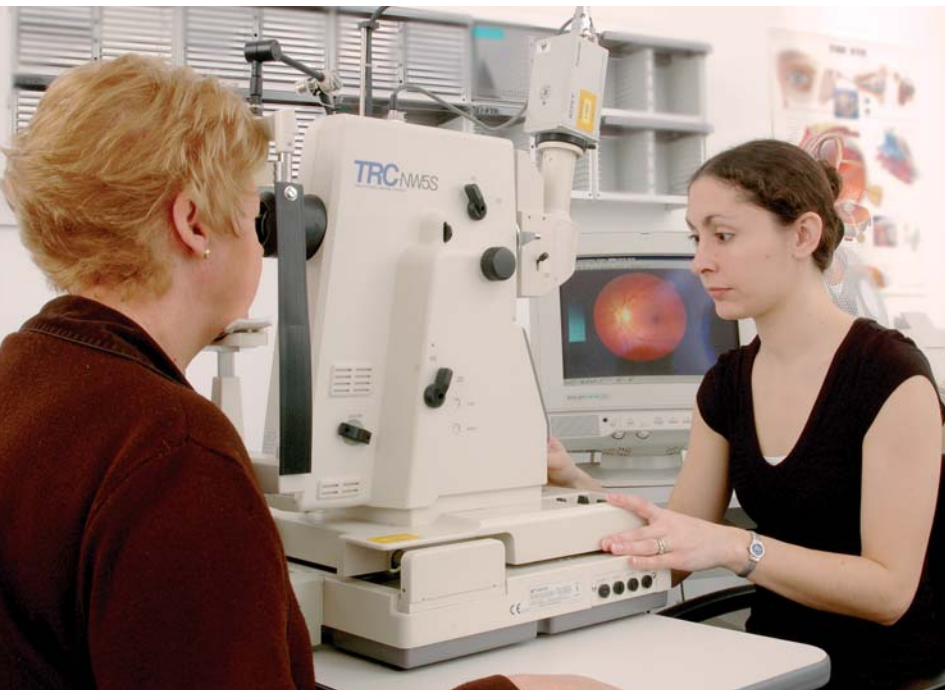


## 1st Retinal Screen provides a high quality and comprehensive Diabetic Retinopathy Screening service to assist our clients identify, screen and monitor diabetic patients at risk of retinopathy.

1st Retinal Screen provides a complete and managed solution:

- Creating and maintaining population-based diabetes registers
- Operating patient call, recall and booking services
- Providing ophthalmic/retinal screening
- Grading retinal images and identifying patients in need of referral
- Clinical reporting to national screening standards



In addition to a fully managed service, we can offer retinal screening resources tailored to your specific requirements that can integrate with your established functions.

**Population-based diabetes registers** are formed and maintained as a fundamental element of our solution. We use secure, web-based registers to manage the records of patients diagnosed with and identified to be at risk of diabetes.

When constructing registers, data is drawn from client-defined data sources such as general practice clinical systems

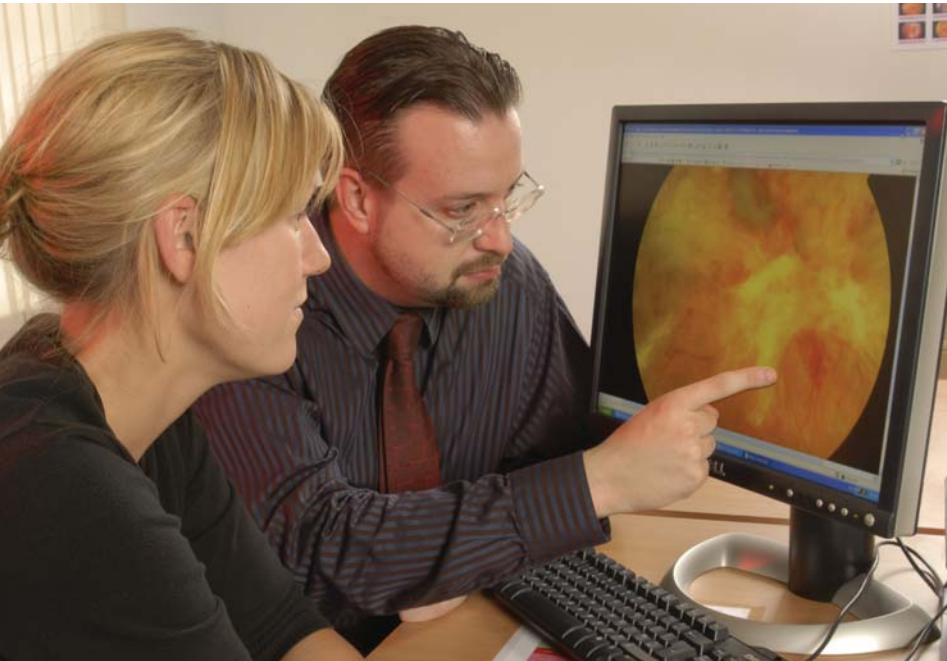
and hospital outpatient databases and registers. We regularly update our registers from agreed data sources, this process may now be undertaken overnight in a fully automated manner. However, we can also teach clients to manage their own patient listings. General Practices can control their patients' involvement, working within the framework established by the Primary Care Trust. Healthcare professionals can access cross-sector patient records to obtain relevant administrative and clinical data, including access to retinal screening reports and image sets.

**Patient call, recall and booking services** offered by 1st Retinal Screen can be provided as a full and cost effective patient management call centre service or as a suite of tools tailored to help clients manage their own booking services. Our aim is to provide flexibility and information to patients. Individually tailored "standard" letters can be used to manage the patient pathway. Patients can be invited to available screening locations and offered a choice of appointment date and time. Information about the screening process is provided with the invitation letters.

Clients can monitor and manage individual patients progress and can readily handle all exceptions, for example generating further correspondence for patients who failed to attend.

**Diabetic Retinopathy Screening** provided by 1st Retinal Screen is performed by our highly trained staff who participate in an ongoing programme of continuous professional development supervised and mentored by experienced managers.

Screening is undertaken within a variety of settings, depending on local circumstances. 1st Retinal Screen manage DRS programmes that are delivered within General Practice, Health Centre, Hospital and Community Optometry Practices.



**Retinal image grading** provided by 1st Retinal Screen complies with the National Screening Committee's grading and classification policy for diabetic retinopathy. Providing gold standard diagnoses is integral to all of our DRS programmes.

Once graded, both the images and clinical assessment report are stored centrally where they can be accessed by our clients. Alerts are activated where it is not possible to read retinal images due to poor media opacity and the service can co-ordinate cataract surveillance and/or biomicroscopy examinations.

**Referral** activation can be linked to 1st Retinal Screen giving the receiving ophthalmology department access to patient records, image sets and assessments for their consideration. Ophthalmologists can comment on the appropriateness of the referral decision, record any existing treatment episodes, future appointment dates and the outcomes from any subsequent treatments and/or interventions.

**National Screening Committee** Standards have been used to design the screening protocols offered by 1st Retinal Screen. Our established operating procedures and associated patient pathways ensure that the operational aspects of diabetic retinopathy screening programmes operate efficiently.

**Quality** is at the core of 1st Retinal Screen's business model. 1st Retinal Screen recommends and supports the establishment of local healthcare professional groups and patient panels for each screening programme to assess quality of service and assist in the ongoing process of quality assurance. To assist with quality assurance, we also provide questionnaires for patients invited to screening, including those who do not respond to invitations.

We ensure that we continue to offer only the best quality of service through active managerial involvement in staff supervision, mentoring, training, and accreditation.

---

## Head Office

1st Retinal Screen Ltd  
Office 2, Bradwall Court  
24 Bradwall Road  
Sandbach, Cheshire CW11 1GE  
Tel: +44 (0) 1270 765 124  
Email: [info@1stRetinalScreen.com](mailto:info@1stRetinalScreen.com)

## London Office

1st Retinal Screen Ltd  
Ground Floor, 4 The Lanchesters  
162-164 Fulham Palace Road  
Hammersmith, London W6 9ER  
Tel: +44 (0) 20 3132 8838  
Email: [grant.duncan@1stRetinalScreen.com](mailto:grant.duncan@1stRetinalScreen.com)